

GenCore version 5.1.4 p5 4578
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OM protein - protein search, using sw model

Run on: April 22, 2003, 15:33:52 ; Search time 26 Seconds
(without alignments)
3084.997 Million cell updates/sec

Title: US-10-046-433-40

Perfect score: 1001

Sequences: 1 MABPGSHSLARVGRTER.....LGRSNHLPRLGLMDLTQCR 1001

Scoring table:

Gapop 60.0 , Gapext 60.0

Searched: 301932 seqs, 80129803 residues

Word size : 0

Total number of hits satisfying chosen parameters: 301932

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 150 summaries

Database :

Published Applications_AA.*
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2: /cgn2_6/ptodata/1/pubppaa/PCT_NEW_PUB.pep.*
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14: /cgn2_6/ptodata/1/pubppaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	708	70.7	1013	9	US-10-028-072-38
2	708	70.7	1013	9	US-10-121-049-38
3	708	70.7	1013	9	US-10-123-904-38
4	708	70.7	1013	9	US-10-140-470-38
5	708	70.7	1013	9	US-10-175-746-38
6	708	70.7	1013	9	US-10-176-918-38
7	708	70.7	1013	9	US-10-176-921-38
8	708	70.7	1013	9	US-10-137-865-38
9	708	70.7	1013	9	US-10-140-474-38
10	708	70.7	1013	9	US-10-142-431-38
11	708	70.7	1013	9	US-10-143-114-38
12	708	70.7	1013	9	US-10-140-002-38
13	708	70.7	1013	9	US-10-142-419-38
14	708	70.7	1013	9	US-10-123-262-38
15	708	70.7	1013	9	US-10-142-423-38
16	708	70.7	1013	9	US-10-121-050-38
17	708	70.7	1013	9	US-10-141-755-38
18	708	70.7	1013	9	US-10-143-032-38
19	708	70.7	1013	9	US-10-123-108-38

20	708	70.7	1013	9	US-10-123-236-38	Sequence 38, Appl
21	708	70.7	1013	9	US-10-123-261-38	Sequence 38, Appl
22	708	70.7	1013	9	US-10-140-921-38	Sequence 38, Appl
23	708	70.7	1013	9	US-10-140-928-38	Sequence 38, Appl
24	708	70.7	1013	9	US-10-121-045-38	Sequence 38, Appl
25	708	70.7	1013	9	US-10-123-292-38	Sequence 38, Appl
26	708	70.7	1013	9	US-10-123-903-38	Sequence 38, Appl
27	708	70.7	1013	9	US-10-124-819-38	Sequence 38, Appl
28	708	70.7	1013	9	US-10-124-822-38	Sequence 38, Appl
29	708	70.7	1013	9	US-10-140-925-38	Sequence 38, Appl
30	708	70.7	1013	9	US-10-160-498-38	Sequence 38, Appl
31	150	15.0	208	9	US-09-925-299-982	Sequence 982, App
32	150	15.0	208	10	US-09-925-299-982	Sequence 982, App
33	21	2.1	1027	9	US-10-140-164-4	Sequence 4, Appl1
34	15	1.5	411	9	US-10-002-050-10	Sequence 10, Appl
35	15	1.5	411	9	US-10-002-304-10	Sequence 10, Appl
36	15	1.5	411	12	US-10-003-152-10	Sequence 10, Appl
37	15	1.5	464	9	US-10-002-050-20	Sequence 20, Appl
38	15	1.5	464	9	US-10-002-304-20	Sequence 20, Appl
39	15	1.5	464	12	US-10-003-152-20	Sequence 20, Appl
40	15	1.5	963	9	US-10-140-164-2	Sequence 39644, A
41	14	1.4	50	10	US-09-864-761-39644	Sequence 39644, A
42	14	1.4	78	9	US-10-140-164-36	Sequence 3, Appl
43	14	1.4	78	9	US-10-140-164-4	Sequence 65, Appl
44	14	1.4	32	10	US-09-864-761-39194	Sequence 39194, A
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49	8	0.8	64	10	US-09-864-761-47095	Sequence 47095, A
50	8	0.8	74	9	US-10-140-164-42	Sequence 3, Appl
51	8	0.8	74	9	US-10-140-164-61	Sequence 61, Appl
52	7	0.7	49	9	US-09-798-889-77	Sequence 77, Appl
53	7	0.7	93	10	US-09-864-761-38905	Sequence 38905, A
54	7	0.7	168	9	US-09-798-889-51	Sequence 51, Appl
55	7	0.7	229	10	US-09-893-737-318	Sequence 318, App
56	7	0.7	261	9	US-10-043-487-379	Sequence 379, App
57	7	0.7	272	9	US-09-738-626-6417	Sequence 6417, Ap
58	7	0.7	316	10	US-09-961-679-4	Sequence 4, Appl1
59	7	0.7	353	10	US-09-961-679-6	Sequence 6, Appl1
60	7	0.7	362	10	US-09-925-301-1000	Sequence 1000, Ap
61	7	0.7	382	10	US-09-893-737-36	Sequence 36, Appl
62	7	0.7	392	9	US-09-738-626-6481	Sequence 4181, Ap
63	7	0.7	392	9	US-09-745-763-19	Sequence 19, Appl
64	7	0.7	515	10	US-09-970-711-8	Sequence 8, Appl1
65	7	0.7	603	10	US-09-961-679-2	Sequence 2, Appl1
66	7	0.7	1272	9	US-10-118-513A-2	Sequence 8, Appl1
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68	7	0.7	2243	9	US-10-118-513A-12	Sequence 12, Appl
69	7	0.7	2549	9	US-09-950-634-3	Sequence 132, App
70	6	0.6	12	10	US-09-791-378-132	Sequence 41, Appl
71	6	0.6	14	9	US-09-965-536A-41	Sequence 49, Appl
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74	6	0.6	20	10	US-09-865-553-6	Sequence 445, App
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81	6	0.6	38	9	US-09-966-480-421	Sequence 421, App
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84	6	0.6	42	10	US-09-864-761-35525	Sequence 35525, A
85	6	0.6	42	10	US-09-864-761-38766	Sequence 38766, A
86	6	0.6	44	9	US-09-764-868-1229	Sequence 1229, Ap
87	6	0.6	45	10	US-09-864-761-48866	Sequence 48866, A
88	6	0.6	45	10	US-09-925-297-641	Sequence 641, App
89	6	0.6	46	10	US-09-864-761-38759	Sequence 38759, A
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91	6	0.6	50	10	US-09-864-761-47976	Sequence 47976, A
92	6	0.6	51	10	US-09-864-761-44034	Sequence 44034, A

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95 6 0.6 54 10 US-09-864-761-44370 Sequence 44370, A
96 6 0.6 55 10 US-09-864-761-39873 Sequence 39873, A
97 6 0.6 56 9 US-10-114-893-131 Sequence 131, App
98 6 0.6 56 9 US-10-102-806-826 Sequence 826, App
99 6 0.6 56 10 US-09-864-761-42647 Sequence 42647, A
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101 6 0.6 61 10 US-09-864-761-34054 Sequence 34054, A
102 6 0.6 63 10 US-09-867-550-1522 Sequence 1522, App
103 6 0.6 65 10 US-09-939-980-433 Sequence 433, App
104 6 0.6 66 10 US-09-867-550-1906 Sequence 1906, App
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106 6 0.6 78 9 US-10-002-344A-200 Sequence 200, App
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108 6 0.6 78 10 US-09-867-550-1970 Sequence 1970, App
109 6 0.6 82 10 US-09-864-761-33873 Sequence 33873, A
110 6 0.6 87 10 US-09-764-887-278 Sequence 278, App
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112 6 0.6 89 10 US-09-881-752A-114 Sequence 114, App
113 6 0.6 90 9 US-09-764-872-382 Sequence 382, App
114 6 0.6 92 10 US-09-764-872-1461 Sequence 1461, App
115 6 0.6 92 10 US-10-091-572-395 Sequence 395, App
116 6 0.6 94 10 US-09-864-761-44731 Sequence 44731, A
117 6 0.6 96 10 US-09-833-067-11 Sequence 11, App
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120 6 0.6 100 9 US-09-796-692-1473 Sequence 1473, App
121 6 0.6 100 9 US-09-796-692-1864 Sequence 1864, App
122 6 0.6 100 9 US-09-796-692-1915 Sequence 1915, App
123 6 0.6 100 9 US-09-796-692-2108 Sequence 2108, App
124 6 0.6 100 10 US-09-825-302-687 Sequence 687, App
125 6 0.6 100 10 US-09-833-067-10 Sequence 10, App
126 6 0.6 100 10 US-09-867-550-58 Sequence 58, App
127 6 0.6 101 10 US-09-867-550-186 Sequence 186, App
128 6 0.6 104 9 US-09-925-299-1446 Sequence 1446, App
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130 6 0.6 110 10 US-09-764-860-529 Sequence 529, App
131 6 0.6 111 9 US-10-072-349-107 Sequence 107, App
132 6 0.6 111 10 US-09-764-855-107 Sequence 107, App
133 6 0.6 114 10 US-09-864-761-36168 Sequence 36168, A
134 6 0.6 114 10 US-09-263-959-308 Sequence 308, App
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137 6 0.6 123 10 US-09-839-980-486 Sequence 486, App
138 6 0.6 123 10 US-09-825-300-1196 Sequence 1196, App
139 6 0.6 127 9 US-10-001-857-167 Sequence 167, App
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141 6 0.6 128 9 US-09-738-626-5866 Sequence 5866, App
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144 6 0.6 129 10 US-09-925-299-1210 Sequence 1210, App
145 6 0.6 129 10 US-09-925-300-1521 Sequence 1521, App
146 6 0.6 131 9 US-09-738-626-4660 Sequence 4660, App
147 6 0.6 131 9 US-09-796-692-1566 Sequence 1566, App
148 6 0.6 133 10 US-09-738-769A-4 Sequence 4, App
149 6 0.6 133 10 US-09-949-780-4 Sequence 4, App
150 6 0.6 135 9 US-09-975-719-223 Sequence 223, App
150 6 0.6 135 10 US-09-815-242-11431 Sequence 11431, A

ALIGNMENTS

RESULT 1
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; Sequence 38, Application US/10028072
; Publication No. US200300431A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Flivaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang
TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/028, 072
CURRENT FILING DATE: 2001-12-19
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PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

169 NDECTAITMVAVN KOSTVNFEEYYPDDSSITFEFFVQUNOCCPNADSDRMKTKTEG 228
169 NDECTAITMVAVN KOSTVNFEEYYPDDSSITFEFFVQUNOCCPNADSDRMKTKTEG 228
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289 SSFCKLCPANSYSNKGTSCHQCDPDKYSEKSSSCNVRPACTDXYTHYTHACDANGET 348
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349 QLMYKAKRKISSEDLGAVKLPASGVYTHCPNPGPFKTNNSJCOPCPGYSVNGSDC 408
349 QLMYKAKRKISSEDLGAVKLPASGVYTHCPNPGPFKTNNSJCOPCPGYSVNGSDC 408
409 TPCPAGTEPAVGFEYKWMNTLPTNMETTVLSGINFYKGMTGMEVAGDHITYAAGASDND 468
409 TPCPAGTEPAVGFEYKWMNTLPTNMETTVLSGINFYKGMTGMEVAGDHITYAAGASDND 468
469 FMILTVLVPGRPOSVMADTENKEVARITTFYFELCSVNCGLYHMGVNSRTNTPVETW 528
469 FMILTVLVPGRPOSVMADTENKEVARITTFYFELCSVNCGLYHMGVNSRTNTPVETW 528

Db 469 FMILLVVGPRPQSVADTENKEVAITFEVETLCSVNCELYFMVGNSTRTPVEYTW 528
Qy 529 KGSKGKOSYTYIIIEBNTTSTFTMAFQRTTFHEASRKYTNDAKIYSINTVMNGVASYC 588
Db 529 KGSKGKOSYTYIIIEBNTTSTFTMAFQRTTFHEASRKYTNDAKIYSINTVMNGVASYC 588
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Db 589 RPKALEASDVSSCTSCSPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCPGPTKNN 648
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Db 649 KIHSLCYNDCTFSRNTPTRTNYPFSAANTVTLAGSPSTSKGLKXFHFTLSLGNQ 708
Qy 709 RKMVCTDNTVDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVLADELIG 768
Db 709 RKMVCTDNTVDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVLADELIG 768
Qy 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTQSCSSGRSTIRVRCSPQKTVP 828
Db 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTQSCSSGRSTIRVRCSPQKTVP 828
Qy 829 SLLPPTGSDGTCDGCMFHLFMSAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLLPPTGSDGTCDGCMFHLFMSAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 2
US-10-121-049-38
; Sequence 38, Application US/10121049
; Publication No. US200302239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Laureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-121-049-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 169 NTEPCATLMTAVNKKOSGVNREYYPSSIIFFEFVNDCCOPADSRMKKTKTEKGM 228
Db 169 NTEPCATLMTAVNKKOSGVNREYYPSSIIFFEFVNDCCOPADSRMKKTKTEKGM 228

Qy 229 EFHSEVLNKNVLYWRTTAEFSWTKVPEKPVLYNIAITGAATSECPCKRGTYADKOG 288
Db 229 EFHSEVLNKNVLYWRTTAEFSWTKVPEKPVLYNIAITGAATSECPCKRGTYADKOG 288
Qy 289 SSFCKLCPANYSYNSKGEFISCHQCDPKYSEKSSSCNVRPACTDKDYFYTHACDANGET 348
Db 289 SSFCKLCPANYSYNSKGEFISCHQCDPKYSEKSSSCNVRPACTDKDYFYTHACDANGET 348
Qy 349 OLMYKAKPKICSEDLGAVKLPASGVKTHCPNCPGFEKNNSTCCPCPGYSNSDC 408
Db 349 OLMYKAKPKICSEDLGAVKLPASGVKTHCPNCPGFEKNNSTCCPCPGYSNSDC 408
Qy 409 TRCPAGTEPAVGFEXKWNNTLPNNMETVLSGINFEYKMGTMGEVADHITYAASDND 468
Db 409 TRCPAGTEPAVGFEXKWNNTLPNNMETVLSGINFEYKMGTMGEVADHITYAASDND 468
Qy 469 FMILLVVGPRPQSVADTENKEVAITFEVETLCSVNCELYFMVGNSTRTPVEYTW 528
Db 469 FMILLVVGPRPQSVADTENKEVAITFEVETLCSVNCELYFMVGNSTRTPVEYTW 528
Qy 529 KGSKGKOSYTYIIIEBNTTSTFTMAFQRTTFHEASRKYTNDAKIYSINTVMNGVASYC 588
Db 529 KGSKGKOSYTYIIIEBNTTSTFTMAFQRTTFHEASRKYTNDAKIYSINTVMNGVASYC 588
Qy 589 RPKALEASDVSSCTSCSPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCPGPTKNN 648
Db 589 RPKALEASDVSSCTSCSPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCPGPTKNN 648
Qy 649 KIHSLCYNDCTFSRNTPTRTNYPFSAANTVTLAGSPSTSKGLKXFHFTLSLGNQ 708
Db 649 KIHSLCYNDCTFSRNTPTRTNYPFSAANTVTLAGSPSTSKGLKXFHFTLSLGNQ 708
Qy 709 RKMVCTDNTVDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVLADELIG 768
Db 709 RKMVCTDNTVDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVLADELIG 768
Qy 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTQSCSSGRSTIRVRCSPQKTVP 828
Db 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTQSCSSGRSTIRVRCSPQKTVP 828
Qy 829 SLLPPTGSDGTCDGCMFHLFMSAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLLPPTGSDGTCDGCMFHLFMSAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 3
US-10-123-904-38
; Sequence 38, Application US/10123904
; Publication No. US200302239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Laureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT FILING DATE: 2002-04-16

Prior Application removed - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO: 38
 LENGTH: 1013
 TYPE: PRT
 ORGANISM: Homo Sapien
 FEATURE:
 NAME/KEY: unsure
 LOCATION: 877, 882
 OTHER INFORMATION: unknown amino acid
 US-10-123-904-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 169 NTDECTATLMTAVNLKOSTVNFEEYYPDSIIFFEFVQNDQCPNADDSRMWKTTEKGM 228
 DB 169 NTDECTATLMTAVNLKOSTVNFEEYYPDSIIFFEFVQNDQCPNADDSRMWKTTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 QY 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDCKDYTHTACDANGET 348
 DB 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDCKDYTHTACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFEKTNNSCTOPCPYGSYSNGSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFEKTNNSCTOPCPYGSYSNGSDC 408
 QY 409 TRCPAGTEPAVGEYKMWNTLPNNMETTVLSGINFEYKMGTMGEVAGDHITYAAGASDND 468
 DB 409 TRCPAGTEPAVGEYKMWNTLPNNMETTVLSGINFEYKMGTMGEVAGDHITYAAGASDND 468
 QY 469 FMILLVVPGRPOSVMADTENKEVARITFVEETLCSVNCLEFVWGVNSRTNTPVETW 528
 DB 469 FMILLVVPGRPOSVMADTENKEVARITFVEETLCSVNCLEFVWGVNSRTNTPVETW 528
 QY 529 KSGKKGOSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 DB 529 KSGKKGOSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 QY 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIIKAHPYGVQACVPCPGPTKKN 648
 DB 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIIKAHPYGVQACVPCPGPTKKN 648
 QY 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSICNGOG 708
 DB 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSICNGOG 708
 QY 709 RKMSTCTDNVTDLRIPEGSEGSFSAITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
 DB 709 RKMSTCTDNVTDLRIPEGSEGSFSAITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
 QY 769 VTTDMTLDGITSAPALFHLSESLGIPDVIFFRSDVITQSSCSRSTTIIVKRSPOKTVPG 828
 DB 769 VTTDMTLDGITSAPALFHLSESLGIPDVIFFRSDVITQSSCSRSTTIIVKRSPOKTVPG 828
 QY 829 SLLLGTCSDGTCDGCFHFLMESAAACPLCSVDYHAIVSSCVAGIQ 876
 DB 829 SLLLGTCSDGTCDGCFHFLMESAAACPLCSVDYHAIVSSCVAGIQ 876

RESULT 4
 US-10-140-470-38
 Sequence 38, Application US/10140470
 Publication No. US20030022331A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: Deforge, Laura

APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerlitsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Guiney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C160
 CURRENT APPLICATION NUMBER: US/10/140,470
 CURRENT FILING DATE: 2002-05-06
 Prior Application removed - See Palm or File Wrapper
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO: 38
 LENGTH: 1013
 TYPE: PRT
 ORGANISM: Homo Sapien
 FEATURE:
 NAME/KEY: unsure
 LOCATION: 877, 882
 OTHER INFORMATION: unknown amino acid
 US-10-140-470-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 169 NTDECTATLMTAVNLKOSTVNFEEYYPDSIIFFEFVQNDQCPNADDSRMWKTTEKGM 228
 DB 169 NTDECTATLMTAVNLKOSTVNFEEYYPDSIIFFEFVQNDQCPNADDSRMWKTTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 QY 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDCKDYTHTACDANGET 348
 DB 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSCNVRPACTDCKDYTHTACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFEKTNNSCTOPCPYGSYSNGSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFEKTNNSCTOPCPYGSYSNGSDC 408
 QY 409 TRCPAGTEPAVGEYKMWNTLPNNMETTVLSGINFEYKMGTMGEVAGDHITYAAGASDND 468
 DB 409 TRCPAGTEPAVGEYKMWNTLPNNMETTVLSGINFEYKMGTMGEVAGDHITYAAGASDND 468
 QY 469 FMILLVVPGRPOSVMADTENKEVARITFVEETLCSVNCLEFVWGVNSRTNTPVETW 528
 DB 469 FMILLVVPGRPOSVMADTENKEVARITFVEETLCSVNCLEFVWGVNSRTNTPVETW 528
 QY 529 KSGKKGOSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 DB 529 KSGKKGOSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 QY 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIIKAHPYGVQACVPCPGPTKKN 648
 DB 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIIKAHPYGVQACVPCPGPTKKN 648
 QY 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSICNGOG 708
 DB 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSICNGOG 708
 QY 709 RKMSTCTDNVTDLRIPEGSEGSFSAITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
 DB 709 RKMSTCTDNVTDLRIPEGSEGSFSAITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768

Db 709 RKMVCIDNTDNLRIPEGESGFSKSTAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
 Qy 769 VTTMTLDGITSFPAELFHLFSLGIPDIVIFFYRNDVTQSCSGRSTTIRVCSPOKTVPG 828
 Db 769 VTTMTLDGITSFPAELFHLFSLGIPDIVIFFYRNDVTQSCSGRSTTIRVCSPOKTVPG 828
 Qy 829 SLILPGTCSGTCGCGNFHFLMESAAACPLCSYADYHAIYSSCVAGIQ 876
 Db 829 SLILPGTCSGTCGCGNFHFLMESAAACPLCSYADYHAIYSSCVAGIQ 876

RESULT 5

US-10-175-746-38
 ; Sequence 38, Application US/10175746
 ; Publication No. US20030027270A1
 ; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tamas, Daniel
 APPLICANT: Tamas, Daniel
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P330R1C353
 CURRENT APPLICATION NUMBER: US/10/175,746
 CURRENT FILING DATE: 2002-06-19
 Prior Application removed - See file wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 38
 LENGTH: 1013
 TYPE: PRT
 ORGANISM: Homo Sapien
 FEATURE:
 NAME/KEY: unsure
 LOCATION: 877, 882
 OTHER INFORMATION: unknown amino acid
 US-10-175-746-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NDECATLTMVAVNLKQSGTVNFEYYPDSIIFFEFYQNDQOCOPNADSRMTTKGK 228
 Db 169 NDECATLTMVAVNLKQSGTVNFEYYPDSIIFFEFYQNDQOCOPNADSRMTTKGK 228
 Qy 229 EHSVEILNRGNVLYWRTAFSVWTKVPRVLYRIATGYAATSECPCKPGTYADKQ 288
 Db 229 EHSVEILNRGNVLYWRTAFSVWTKVPRVLYRIATGYAATSECPCKPGTYADKQ 288
 Qy 289 SFSFCLCPRANSYNGEFTSCHQCDPKYSEKSSCNVRPACTDKOYFYHTACDANGET 348
 Db 289 SFSFCLCPRANSYNGEFTSCHQCDPKYSEKSSCNVRPACTDKOYFYHTACDANGET 348
 Qy 349 QLMYKAPKICSEDLGAVKLPASGVTHCPNCPGPFRTNNSTCQPCYGSYNGSDC 408
 Db 349 QLMYKAPKICSEDLGAVKLPASGVTHCPNCPGPFRTNNSTCQPCYGSYNGSDC 408
 Qy 409 TRCPAGTEPANGFEYKWNNTLPYMETTVLSGINFYKGMTGWEVAGDHLYTAAGSDND 468
 Db 409 TRCPAGTEPANGFEYKWNNTLPYMETTVLSGINFYKGMTGWEVAGDHLYTAAGSDND 468

Qy 469 FMILLVVEGFRRPQSVADTENKEVARITTFEELCSVNCELYFMGVNSRNTPVETW 528
 Db 469 FMILLVVEGFRRPQSVADTENKEVARITTFEELCSVNCELYFMGVNSRNTPVETW 528
 Qy 529 KSGKQOSTYTYIIEENTTTSFTMAFQRTTPEASRKYNDVAKIYSINTVMNGVASYC 588
 Db 529 KSGKQOSTYTYIIEENTTTSFTMAFQRTTPEASRKYNDVAKIYSINTVMNGVASYC 588
 Qy 589 RCPALASDVSGSCTSCAGAYYIDRDSCTGSCPPNTILKAQOPYQACVPCPGTKKN 648
 Db 589 RCPALASDVSGSCTSCAGAYYIDRDSCTGSCPPNTILKAQOPYQACVPCPGTKKN 648
 Qy 649 KHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSGKLYFHHFTLSLGNQ 708
 Db 649 KHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSGKLYFHHFTLSLGNQ 708
 Qy 709 RKMVCIDNTDNLRIPEGESGFSKSTAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
 Db 709 RKMVCIDNTDNLRIPEGESGFSKSTAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
 Qy 769 VTTMTLDGITSFPAELFHLFSLGIPDIVIFFYRNDVTQSCSGRSTTIRVCSPOKTVPG 828
 Db 769 VTTMTLDGITSFPAELFHLFSLGIPDIVIFFYRNDVTQSCSGRSTTIRVCSPOKTVPG 828
 Qy 829 SLILPGTCSGTCGCGNFHFLMESAAACPLCSYADYHAIYSSCVAGIQ 876
 Db 829 SLILPGTCSGTCGCGNFHFLMESAAACPLCSYADYHAIYSSCVAGIQ 876

RESULT 6

US-10-176-918-38
 ; Sequence 38, Application US/10176918
 ; Publication No. US20030027275A1
 ; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tamas, Daniel
 APPLICANT: Tamas, Daniel
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P330R1C382
 CURRENT APPLICATION NUMBER: US/10/176,918
 CURRENT FILING DATE: 2002-06-20
 Prior Application removed - See file wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 38
 LENGTH: 1013
 TYPE: PRT
 ORGANISM: Homo Sapien
 FEATURE:
 NAME/KEY: unsure
 LOCATION: 877, 882
 OTHER INFORMATION: unknown amino acid
 US-10-176-918-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Tue Apr 22 16:18:07 2003

us-10-046-433-40.01igo.rapb

Page 7

QY 169 NTDECTATLMYAVNLKOSGTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
DB 169 NTDECTATLMYAVNLKOSGTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPRVLYRNIAITGVAITSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPRVLYRNIAITGVAITSECPCKPGTYADKOG 288
QY 289 SFPCKLCPANSYKNGKETSCHQCDPKYSEKSSSCNVPACTDXYFTHACDANGET 348
DB 289 SFPCKLCPANSYKNGKETSCHQCDPKYSEKSSSCNVPACTDXYFTHACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCOPCPYSGYSNGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCOPCPYSGYSNGSDC 408
QY 409 TRCPAGTEPAVGFEXKMMNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
DB 409 TRCPAGTEPAVGFEXKMMNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
QY 469 FMILLIVPGRFPPOSVAADTENKEVARITFVFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
DB 469 FMILLIVPGRFPPOSVAADTENKEVARITFVFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
QY 529 KSGKGSOSYTYIIIEBNTTTSFTWAFORTTFHEASRKYNDVAKTYSINVTNVMNGVASYC 588
DB 529 KSGKGSOSYTYIIIEBNTTTSFTWAFORTTFHEASRKYNDVAKTYSINVTNVMNGVASYC 588
QY 589 RPKALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVAQVPCGPGTKNN 648
DB 589 RPKALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVAQVPCGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNFSALANTVTLAGSPFTSKGLKYPHFHTLSLCNGOG 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNFSALANTVTLAGSPFTSKGLKYPHFHTLSLCNGOG 708
QY 709 RKMAYCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYKAGVSOPVSLADRLIG 768
DB 709 RKMAYCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYKAGVSOPVSLADRLIG 768
QY 769 VTTDMTLGITSAPALFHELSLGIIDVIFFRNSDVTQSCSGRSTTIRKSPQKTPVG 828
DB 769 VTTDMTLGITSAPALFHELSLGIIDVIFFRNSDVTQSCSGRSTTIRKSPQKTPVG 828
QY 829 SLLPFGTCSGTCGDCNCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
DB 829 SLLPFGTCSGTCGDCNCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 7
US-10-176-921-38
; Sequence 38, Application US/10176921
; Publication No. US2003002726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C288
CURRENT APPLICATION NUMBER: US/10/176,921
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 38
LENGTH: 1013
TYPE: PRT
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: unsure
LOCATION: 877, 882
OTHER INFORMATION: unknown amino acid
US-10-176-921-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 708; Conservative

QY 169 NTDECTATLMYAVNLKOSGTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
DB 169 NTDECTATLMYAVNLKOSGTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPRVLYRNIAITGVAITSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPRVLYRNIAITGVAITSECPCKPGTYADKOG 288
QY 289 SFPCKLCPANSYKNGKETSCHQCDPKYSEKSSSCNVPACTDXYFTHACDANGET 348
DB 289 SFPCKLCPANSYKNGKETSCHQCDPKYSEKSSSCNVPACTDXYFTHACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCOPCPYSGYSNGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCOPCPYSGYSNGSDC 408
QY 409 TRCPAGTEPAVGFEXKMMNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
DB 409 TRCPAGTEPAVGFEXKMMNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
QY 469 FMILLIVPGRFPPOSVAADTENKEVARITFVFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
DB 469 FMILLIVPGRFPPOSVAADTENKEVARITFVFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
QY 529 KSGKGSOSYTYIIIEBNTTTSFTWAFORTTFHEASRKYNDVAKTYSINVTNVMNGVASYC 588
DB 529 KSGKGSOSYTYIIIEBNTTTSFTWAFORTTFHEASRKYNDVAKTYSINVTNVMNGVASYC 588
QY 589 RPKALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVAQVPCGPGTKNN 648
DB 589 RPKALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVAQVPCGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNFSALANTVTLAGSPFTSKGLKYPHFHTLSLCNGOG 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNFSALANTVTLAGSPFTSKGLKYPHFHTLSLCNGOG 708
QY 709 RKMAYCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYKAGVSOPVSLADRLIG 768
DB 709 RKMAYCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYKAGVSOPVSLADRLIG 768
QY 769 VTTDMTLGITSAPALFHELSLGIIDVIFFRNSDVTQSCSGRSTTIRKSPQKTPVG 828
DB 769 VTTDMTLGITSAPALFHELSLGIIDVIFFRNSDVTQSCSGRSTTIRKSPQKTPVG 828
QY 829 SLLPFGTCSGTCGDCNCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
DB 829 SLLPFGTCSGTCGDCNCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 8
US-10-137-865-38
; Sequence 38, Application US/10137865
; Publication No. US20030032155A1
; GENERAL INFORMATION:

```

/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: Deforge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C154
/ CURRENT FILING DATE: 2002-05-03
/ PRIOR APPLICATION: US/10/137,865
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 38
/ LENGTH: 1013
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 877, 882
/ OTHER INFORMATION: unknown amino acid
US-10-137-865-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATMTAVNLKQSGTVNFEYYPDSIIFFEVONQCCPNADDSRMKTEKGM 228
DB 169 NTDECTATMTAVNLKQSGTVNFEYYPDSIIFFEVONQCCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTTAFSVWTKVKKPVLVNRNIAITGVAATSECFPCPKGTADKOG 288
DB 229 EFHSVELNRGNVLYWRTTAFSVWTKVKKPVLVNRNIAITGVAATSECFPCPKGTADKOG 288
QY 289 SSFCCLCPANSYSNKGSTSCQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGST 348
DB 289 SSFCCLCPANSYSNKGSTSCQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGST 348
QY 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFFKTNNSGCPQPYGSYNGSDC 408
DB 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFFKTNNSGCPQPYGSYNGSDC 408
QY 409 TRCPAGTEBPVAVGEYKWMNTLPTNMTETVLSGNEFEYKMTGWEVAGDHITTAAGASDND 468
DB 409 TRCPAGTEBPVAVGEYKWMNTLPTNMTETVLSGNEFEYKMTGWEVAGDHITTAAGASDND 468
QY 469 FMILTIVPGRPOSMDTENKEVARITFVFEETLCSVNCLEVMGVNRTNTPVETM 528
DB 469 FMILTIVPGRPOSMDTENKEVARITFVFEETLCSVNCLEVMGVNRTNTPVETM 528
QY 529 KGSFGKQSYIIIEENTTTSTFWAFORTTFHASKRYNDVAKIYSINVTNVMNGVASYC 588
DB 529 KGSFGKQSYIIIEENTTTSTFWAFORTTFHASKRYNDVAKIYSINVTNVMNGVASYC 588
QY 589 RPCALBASDVGSCTSCPAQYIIDSDGTCSCPEPNTILKAHQGYGVAQACVPGPGTKNN 648
DB 589 RPCALBASDVGSCTSCPAQYIIDSDGTCSCPEPNTILKAHQGYGVAQACVPGPGTKNN 648
QY 649 KTHSLCYNDCTSRNTPTRTFNYNFSALANTVTLVLAGBSTSGKLYFHHFTLSLQNGG 708
DB 649 KTHSLCYNDCTSRNTPTRTFNYNFSALANTVTLVLAGBSTSGKLYFHHFTLSLQNGG 708

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```

QY 709 RKMSTCTNNTDLRIPEGSEGFSEKSIITAVYCOAVIIPVETGYKAGVSSOPVSLADRLIG 768
DB 709 RKMSTCTNNTDLRIPEGSEGFSEKSIITAVYCOAVIIPVETGYKAGVSSOPVSLADRLIG 768
QY 769 VTTMTLDGITSPLAEFHESLGIPIVTFYNSDVTGSCSGRSTIRVCSPOKTVPG 828
DB 769 VTTMTLDGITSPLAEFHESLGIPIVTFYNSDVTGSCSGRSTIRVCSPOKTVPG 828
QY 829 SLILPGTCSGTCDGCFHFWESAACPLCSVADYHAIYSSCVAGIQ 876
DB 829 SLILPGTCSGTCDGCFHFWESAACPLCSVADYHAIYSSCVAGIQ 876

```

```

RESULT 9
US-10-140-474-38
/ Sequence 38, Application US/10140474
/ Publication No. US20030032156A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: Deforge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C162
/ CURRENT APPLICATION NUMBER: US/10/140,474
/ CURRENT FILING DATE: 2002-05-06
/ PRIOR APPLICATION: US-10-137,865
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 38
/ LENGTH: 1013
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 877, 882
/ OTHER INFORMATION: unknown amino acid
US-10-140-474-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATMTAVNLKQSGTVNFEYYPDSIIFFEVONQCCPNADDSRMKTEKGM 228
DB 169 NTDECTATMTAVNLKQSGTVNFEYYPDSIIFFEVONQCCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTTAFSVWTKVKKPVLVNRNIAITGVAATSECFPCPKGTADKOG 288
DB 229 EFHSVELNRGNVLYWRTTAFSVWTKVKKPVLVNRNIAITGVAATSECFPCPKGTADKOG 288
QY 289 SSFCCLCPANSYSNKGSTSCQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGST 348
DB 289 SSFCCLCPANSYSNKGSTSCQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGST 348
QY 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFFKTNNSGCPQPYGSYNGSDC 408
DB 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFFKTNNSGCPQPYGSYNGSDC 408

```


Qy	409	TRPAGTEPAAGFEKXMMNTLPTMMETTVLSGINFEKXMTGMVADBDHLYTAAASDND	468
Dd	409	TRCPAGTEPAAGFEKXMMNTLPTMMETTVLSGINFEKXMTGMVADBDHLYTAAASDND	468
Qy	469	FMILLVVGPRPPOSVADENKEVARITPEFTLCSVNCLEYFMVGANSRNTPEYEW	528
Dd	469	FMILLVVGPRPPOSVADENKEVARITPEFTLCSVNCLEYFMVGANSRNTPEYEW	528
Qy	529	KGSKXKOSYTYIIIEBNTTSTFTAFORTTFHEASRKTNDVAKIYSTINYNVMNGVASYC	568
Dd	529	KGSKXKOSYTYIIIEBNTTSTFTAFORTTFHEASRKTNDVAKIYSTINYNVMNGVASYC	568
Qy	589	RPCALAEADVSSCS CSPAGYIIRDSCTGCHSCPNTILKAHQGYQOACVCPGPTKNN	648
Dd	589	RPCALAEADVSSCS CSPAGYIIRDSCTGCHSCPNTILKAHQGYQOACVCPGPTKNN	648
Qy	649	KIHSLCYNDCTFSRNTPTRTYNVNFSAALNTVTLAAGBSFTSKGLKYPHHFTLSLCSNOG	708
Dd	649	KIHSLCYNDCTFSRNTPTRTYNVNFSAALNTVTLAAGBSFTSKGLKYPHHFTLSLCSNOG	708
Qy	709	RKMSCTCNMVDLRIPEBESGFSKSIITYVOOAVIIPETVGYAGVSSQDPSLADSLIG	768
Dd	709	RKMSCTCNMVDLRIPEBESGFSKSIITYVOOAVIIPETVGYAGVSSQDPSLADSLIG	768
Qy	769	VTTDMTLDIGITS PAELFHELSIGIPDVIFEYRSNDVYTGSSGSRSTTIRVACSPOKTPG	828
Dd	769	VTTDMTLDIGITS PAELFHELSIGIPDVIFEYRSNDVYTGSSGSRSTTIRVACSPOKTPG	828
Qy	829	SILLPGTSGDGTGCGCNHFPLMESAAAPCLSVADYHAIVSSCVANGIO	876
Dd	829	SILLPGTSGDGTGCGCNHFPLMESAAAPCLSVADYHAIVSSCVANGIO	876

```

RESULT 10
US-10-142-431-38
/ Sequence 38, Application US/10142431
/ Publication No. US20030036179A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: Deforge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P3330R1C251
/ CURRENT APPLICATION NUMBER: US/10/142,431
/ CURRENT FILING DATE: 2002-05-10
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 38
/ LENGTH: 1013
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 877, 882
/ OTHER INFORMATION: unknown amino acid "
US-10-142-431-38

```

Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	169	N	CP	AL	TM	V	AV	N	L	K	O	S	T	V	F	E	E	Y	P	D	S	S	I	I	E	E	F	P	O	D	O	C	P	N	A	D	S	R	M	K	T	E	K	M	22											
Db	169	N	T	B	E	C	T	A	L	T	M	V	A	N	L	K	O	S	T	V	F	E	E	Y	P	D	S	S	I	I	E	E	F	P	O	D	O	C	P	N	A	D	S	R	M	K	T	E	K	M	22					
Qy	229	E	F	S	V	E	L	N	G	N	N	V	L	Y	W	R	T	A	F	S	V	M	T	K	V	K	P	V	L	N	I	A	I	T	G	A	Y	T	S	E	C	P	K	P	G	T	A	D	K	O	28					
Db	229	E	F	S	V	E	L	N	G	N	N	V	L	Y	W	R	T	A	F	S	V	M	T	K	V	K	P	V	L	N	I	A	I	T	G	A	Y	T	S	E	C	P	K	P	G	T	A	D	K	O	28					
Qy	289	S	S	F	C	K	C	P	A	N	S	Y	N	K	E	T	S	C	H	O	C	D	P	D	X	S	E	K	G	S	S	C	N	V	R	P	A	C	T	D	K	O	X	F	T	H	T	C	D	A	N	G	E	T	34	
Db	289	S	S	F	C	K	C	P	A	N	S	Y	N	K	E	T	S	C	H	O	C	D	P	D	X	S	E	K	G	S	S	C	N	V	R	P	A	C	T	D	K	O	X	F	T	H	T	C	D	A	N	G	E	T	34	
Qy	349	Q	L	W	M	K	A	K	P	X	I	C	S	E	D	L	E	G	A	V	K	L	P	A	S	G	V	T	H	C	P	C	N	P	G	F	K	T	I	N	S	T	O	C	P	C	E	Y	S	N	G	S	D	C	40	
Db	349	Q	L	W	M	K	A	K	P	X	I	C	S	E	D	L	E	G	A	V	K	L	P	A	S	G	V	T	H	C	P	C	N	P	G	F	K	T	I	N	S	T	O	C	P	C	E	Y	S	N	G	S	D	C	40	
Qy	409	T	R	C	P	A	G	T	E	P	A	V	G	E	Y	K	M	N	T	L	T	I	N	E	T	T	V	L	G	I	N	E	Y	K	M	G	M	G	M	V	A	D	H	I	Y	T	A	G	A	S	D	M	D	46		
Db	409	T	R	C	P	A	G	T	E	P	A	V	G	E	Y	K	M	N	T	L	T	I	N	E	T	T	V	L	G	I	N	E	Y	K	M	G	M	G	M	V	A	D	H	I	Y	T	A	G	A	S	D	M	D	46		
Qy	469	F	M	I	T	L	V	P	E	F	R	P	O	S	V	A	M	A	D	T	E	N	K	E	V	A	I	T	F	E	L	C	S	V	N	C	E	L	F	M	V	G	N	S	R	I	N	T	P	E	V	E	M	52		
Db	469	F	M	I	T	L	V	P	E	F	R	P	O	S	V	A	M	A	D	T	E	N	K	E	V	A	I	T	F	E	L	C	S	V	N	C	E	L	F	M	V	G	N	S	R	I	N	T	P	E	V	E	M	52		
Qy	529	K	G	S	K	G	K	O	S	Y	T	I	I	E	E	N	T	T	S	F	T	M	A	O	R	T	T	F	H	E	A	S	K	T	N	D	V	A	K	I	Y	S	I	N	T	N	T	N	M	N	G	A	S	Y	C	56
Db	529	K	G	S	K	G	K	O	S	Y	T	I	I	E	E	N	T	T	S	F	T	M	A	O	R	T	T	F	H	E	A	S	K	T	N	D	V	A	K	I	Y	S	I	N	T	N	T	N	M	N	G	A	S	Y	C	56
Qy	589	R	P	C	A	L	E	A	S	D	V	G	S	S	C	T	C	P	A	G	Y																																			

```

RESULT 11
US-10-143-114-38
/ Sequence 38, Application US/10143111
/ Publication No. US20030036180A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Mei-Qiong
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William

```

```

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C11
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-143-114-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATLMTAYANLKOSGTVNFEYYPDSIIIEFFVONDQCPNADSRMKTTEKGM 228
DB 169 NTDECTATLMTAYANLKOSGTVNFEYYPDSIIIEFFVONDQCPNADSRMKTTEKGM 228
QY 229 EFHSVELNRGNVLYWRTTAFSVWTKVPRVLYRNIAITGVAVTSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTTAFSVWTKVPRVLYRNIAITGVAVTSECPCKPGTYADKOG 288
QY 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHACDANGET 348
DB 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHACDANGET 348
QY 349 QLMYKAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
DB 349 QLMYKAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
QY 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFYKGMTGMEVAGDHITYAAGASDND 468
DB 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFYKGMTGMEVAGDHITYAAGASDND 468
QY 469 FMILLTVVPGFRPPOSVMADTENKEVARITFVEFTLCSVNCELYFMVGVNSRTNTPVETW 528
DB 469 FMILLTVVPGFRPPOSVMADTENKEVARITFVEFTLCSVNCELYFMVGVNSRTNTPVETW 528
QY 529 KSKKGOSTYIIIEENTTTSFTMAFORITTHASRKYTNDVAKIYSINTVNMNGVASYC 588
DB 529 KSKKGOSTYIIIEENTTTSFTMAFORITTHASRKYTNDVAKIYSINTVNMNGVASYC 588
QY 589 RPCALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCGPGTKNN 648
DB 589 RPCALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAAGPSTSKGLKXFHHFTLSLGNQ 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAAGPSTSKGLKXFHHFTLSLGNQ 708
QY 709 RKMSVCTDNDVTDLRIPGSGFSKSTIAYVCAVITPPEYTGKAGVSSQPSVLADRLIG 768
DB 709 RKMSVCTDNDVTDLRIPGSGFSKSTIAYVCAVITPPEYTGKAGVSSQPSVLADRLIG 768
QY 769 VTTDMTLIDGITSAPALFHEESLGIPIVIFPYRNDVYOSCSGRSTTIRKCSPOKTVPG 828
DB 769 VTTDMTLIDGITSAPALFHEESLGIPIVIFPYRNDVYOSCSGRSTTIRKCSPOKTVPG 828
QY 829 SLLPBTGSDGTCDGCFHFLMESAAACPLCSVADYHAIYVSCVAGIQ 876
DB 829 SLLPBTGSDGTCDGCFHFLMESAAACPLCSVADYHAIYVSCVAGIQ 876

```

RESULT 12
US-10-140-002-38

```

; Sequence 38, Application US/10140002
; Publication No. US20030037623A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Barasini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C59
; CURRENT APPLICATION NUMBER: US/10/140,002
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-002-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATLMTAYANLKOSGTVNFEYYPDSIIIEFFVONDQCPNADSRMKTTEKGM 228
DB 169 NTDECTATLMTAYANLKOSGTVNFEYYPDSIIIEFFVONDQCPNADSRMKTTEKGM 228
QY 229 EFHSVELNRGNVLYWRTTAFSVWTKVPRVLYRNIAITGVAVTSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTTAFSVWTKVPRVLYRNIAITGVAVTSECPCKPGTYADKOG 288
QY 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHACDANGET 348
DB 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHACDANGET 348
QY 349 QLMYKAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
DB 349 QLMYKAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
QY 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFYKGMTGMEVAGDHITYAAGASDND 468
DB 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFYKGMTGMEVAGDHITYAAGASDND 468
QY 469 FMILLTVVPGFRPPOSVMADTENKEVARITFVEFTLCSVNCELYFMVGVNSRTNTPVETW 528
DB 469 FMILLTVVPGFRPPOSVMADTENKEVARITFVEFTLCSVNCELYFMVGVNSRTNTPVETW 528
QY 529 KSKKGOSTYIIIEENTTTSFTMAFORITTHASRKYTNDVAKIYSINTVNMNGVASYC 588
DB 529 KSKKGOSTYIIIEENTTTSFTMAFORITTHASRKYTNDVAKIYSINTVNMNGVASYC 588
QY 589 RPCALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCGPGTKNN 648
DB 589 RPCALBASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCGPGTKNN 648

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QY 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
QY 709 RKMVCCTDNVTDLRIPEGESGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
DB 709 RKMVCCTDNVTDLRIPEGESGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
QY 769 VTTDMTLDGITSPPALFPHLSLGIPIVIFPFRSNDVTQSCSGSSTIRVRCSPQKTPVG 828
DB 769 VTTDMTLDGITSPPALFPHLSLGIPIVIFPFRSNDVTQSCSGSSTIRVRCSPQKTPVG 828
QY 829 SLLPFGTCDGTCDCGCFHFLMESAAACPLCSVADYHAIYSSCVAIG 876
DB 829 SLLPFGTCDGTCDCGCFHFLMESAAACPLCSVADYHAIYSSCVAIG 876
RESULT 13
US-10-142-419-38
Sequence 38, Application US/10142419
Publication No. US20030044945A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C24
CURRENT FILING DATE: 2002-05-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 38
LENGTH: 1013
TYPE: PRT
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: unsure
LOCATION: 877, 882
OTHER INFORMATION: unknown amino acid
US-10-142-419-38
Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0; Matches 0; Indels 0; Gaps 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 169 NTDECTATLWYAVNLKQSGTNEFYPPSSIIFFEFVQNDQCPNADDSRMWKTTEKGM 228
DB 169 NTDECTATLWYAVNLKQSGTNEFYPPSSIIFFEFVQNDQCPNADDSRMWKTTEKGM 228
QY 229 EPHSVELNRANVLYWMTTAFSVWTKVPKVLVRLNIAITGVAVTSCFPCKGTIYADKQ 288
DB 229 EPHSVELNRANVLYWMTTAFSVWTKVPKVLVRLNIAITGVAVTSCFPCKGTIYADKQ 288
QY 289 SSFCKLCPANSYNGKSTCHQCDPDKYSEKSSCNVPACTDKOYFYTHACDANGET 348
DB 289 SSFCKLCPANSYNGKSTCHQCDPDKYSEKSSCNVPACTDKOYFYTHACDANGET 348
QY 349 QLMYKAKPKICSEBDEGAVKLPASGVKTHCPPCNPGFKTNNSGCPGYSNGSDC 408

DB 349 QLMYKAKPKICSEBDEGAVKLPASGVKTHCPPCNPGFKTNNSGCPGYSNGSDC 408
QY 409 TRCPAGTEPAVGEYKMNNTLPNNMETTVLSGINFEYKMTGWVADHITYAAGASDND 468
DB 409 TRCPAGTEPAVGEYKMNNTLPNNMETTVLSGINFEYKMTGWVADHITYAAGASDND 468
QY 469 FMILLTVVPGFRPPQSVADNENKEVARITFVEFTLCSVNCLEYFMGVNSRTNTPVETW 528
DB 469 FMILLTVVPGFRPPQSVADNENKEVARITFVEFTLCSVNCLEYFMGVNSRTNTPVETW 528
QY 529 KSKKQKQSYTYIIENETTSFTMAFORTTFEASRKYTNDAKYSINVTVMNGVASYS 588
DB 529 KSKKQKQSYTYIIENETTSFTMAFORTTFEASRKYTNDAKYSINVTVMNGVASYS 588
QY 589 RPCALBASDVSSCTSCSPAGYIIDRSGTCHSCPNTILKAHQPYGVQACVPCGPGTKNN 648
DB 589 RPCALBASDVSSCTSCSPAGYIIDRSGTCHSCPNTILKAHQPYGVQACVPCGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
QY 709 RKMVCCTDNVTDLRIPEGESGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
DB 709 RKMVCCTDNVTDLRIPEGESGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
QY 769 VTTDMTLDGITSPPALFPHLSLGIPIVIFPFRSNDVTQSCSGSSTIRVRCSPQKTPVG 828
DB 769 VTTDMTLDGITSPPALFPHLSLGIPIVIFPFRSNDVTQSCSGSSTIRVRCSPQKTPVG 828
QY 829 SLLPFGTCDGTCDCGCFHFLMESAAACPLCSVADYHAIYSSCVAIG 876
DB 829 SLLPFGTCDGTCDCGCFHFLMESAAACPLCSVADYHAIYSSCVAIG 876
RESULT 14
US-10-123-262-38
Sequence 38, Application US/10123262
Publication No. US20030049816A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C38
CURRENT FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 38
LENGTH: 1013
TYPE: PRT
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: unsure
LOCATION: 877, 882
OTHER INFORMATION: unknown amino acid

US-10-123-262-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 DB 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGTYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGTYADKOG 288
 QY 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 DB 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFTKNNSICQPCPYGSYSNSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFTKNNSICQPCPYGSYSNSDC 408
 QY 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 DB 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 QY 469 FMILTLVPGFRPPOSVMADTENKEVARITFVEETLCSVNCELYFMVGVNSRTNTPVETW 528
 DB 469 FMILTLVPGFRPPOSVMADTENKEVARITFVEETLCSVNCELYFMVGVNSRTNTPVETW 528
 QY 529 KGSKGKOSYTYIIIEENTTSFTMAFORTTHEASRKYTNDAKYSINVTVMNGVASYS 588
 DB 529 KGSKGKOSYTYIIIEENTTSFTMAFORTTHEASRKYTNDAKYSINVTVMNGVASYS 588
 QY 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPGYQACVPCPGTKNN 648
 DB 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPGYQACVPCPGTKNN 648
 QY 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCNOG 708
 DB 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCNOG 708
 QY 709 RKMVCCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYAGVSSOPVSLADRLIG 768
 DB 709 RKMVCCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYAGVSSOPVSLADRLIG 768
 QY 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTOSSGSGSTTIRVRCSPQKTVPG 828
 DB 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTOSSGSGSTTIRVRCSPQKTVPG 828
 QY 829 SLILPGTCSGTCGCFNHFILMESAAACPLCSVADYHAIVSSCVAGIO 876
 DB 829 SLILPGTCSGTCGCFNHFILMESAAACPLCSVADYHAIVSSCVAGIO 876

RESULT 15

US-10-142-423-38

; Sequence 38, Application US/10142423
 ; Publication No. US20030049817A1
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: Deforge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary B.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3303R1C249
 ; CURRENT APPLICATION NUMBER: US/10/142,423
 ; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 38
 ; LENGTH: 1013
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: 877, 882
 ; OTHER INFORMATION: unknown amino acid
 ; US-10-142-423-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 DB 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGTYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGTYADKOG 288
 QY 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 DB 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFTKNNSICQPCPYGSYSNSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFTKNNSICQPCPYGSYSNSDC 408
 QY 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 DB 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 QY 469 FMILTLVPGFRPPOSVMADTENKEVARITFVEETLCSVNCELYFMVGVNSRTNTPVETW 528
 DB 469 FMILTLVPGFRPPOSVMADTENKEVARITFVEETLCSVNCELYFMVGVNSRTNTPVETW 528
 QY 529 KGSKGKOSYTYIIIEENTTSFTMAFORTTHEASRKYTNDAKYSINVTVMNGVASYS 588
 DB 529 KGSKGKOSYTYIIIEENTTSFTMAFORTTHEASRKYTNDAKYSINVTVMNGVASYS 588
 QY 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPGYQACVPCPGTKNN 648
 DB 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPGYQACVPCPGTKNN 648
 QY 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCNOG 708
 DB 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCNOG 708
 QY 709 RKMVCCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYAGVSSOPVSLADRLIG 768
 DB 709 RKMVCCTDNVTDLRIPEGSEGSFSTIAYVCOAVIIPPEVTGYAGVSSOPVSLADRLIG 768
 QY 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTOSSGSGSTTIRVRCSPQKTVPG 828
 DB 769 VTTDMTLDGITSAPALFHLBSLGIIPDVIFFYRSNDVTOSSGSGSTTIRVRCSPQKTVPG 828
 QY 829 SLILPGTCSGTCGCFNHFILMESAAACPLCSVADYHAIVSSCVAGIO 876
 DB 829 SLILPGTCSGTCGCFNHFILMESAAACPLCSVADYHAIVSSCVAGIO 876

RESULT 16
US-10-121-050-38
; Sequence 38, Application US/10121050
; Publication No. US20030054516A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C20
; CURRENT APPLICATION NUMBER: US/10/121,050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-121-050-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIPEFVQNDQCPNADDSRMKTKTEKGM 228
DB 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIPEFVQNDQCPNADDSRMKTKTEKGM 228
QY 229 EFHSVEILNRGNVLYMRTAFSVWTKVPKPYLVNIAITGAATSECFPCPGTYADKOG 288
DB 229 EFHSVEILNRGNVLYMRTAFSVWTKVPKPYLVNIAITGAATSECFPCPGTYADKOG 288
QY 289 SSFCKLCPANSYKNGKTSCHQCPDKYSEKSSCNVRPACTDKOYFYHTACDANGET 348
DB 289 SSFCKLCPANSYKNGKTSCHQCPDKYSEKSSCNVRPACTDKOYFYHTACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAYKLPAAGVKTCPNPGFFFTNNSTOCPGCGSYSGNSDC 408
DB 349 QLMYKMAKPKICSEDLGAYKLPAAGVKTCPNPGFFFTNNSTOCPGCGSYSGNSDC 408
QY 409 TRCPAGTEPAVGFYKWMNTLPTNMTTVLSGINFEYKMGTMGEVADHITYAAGASDND 468
DB 409 TRCPAGTEPAVGFYKWMNTLPTNMTTVLSGINFEYKMGTMGEVADHITYAAGASDND 468
QY 469 FMILTLVPPGRPPQSMADTENKEVARITFVPEITLCSVNCSELYFVGVGNSRNTVEVETM 528
DB 469 FMILTLVPPGRPPQSMADTENKEVARITFVPEITLCSVNCSELYFVGVGNSRNTVEVETM 528
QY 529 KSGKSGSYTYIIIEENTTSFTWAFORTTFHEASRKYTNDAKIYSINVTNNVNGVASYC 588
DB 529 KSGKSGSYTYIIIEENTTSFTWAFORTTFHEASRKYTNDAKIYSINVTNNVNGVASYC 588
QY 589 RPKALEASDVGSCTSCPAAGYIDRDSGTCHSCPNTILKAHQPYGVQACVCPGPGTKNN 648

DB 589 RPKALEASDVGSCTSCPAAGYIDRDSGTCHSCPNTILKAHQPYGVQACVCPGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNYPNSALANTVTLAGGSPFTSGKLYRHHFTLSICGNQ 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNYPNSALANTVTLAGGSPFTSGKLYRHHFTLSICGNQ 708
QY 709 RKMSVCTDNVTLRIPEGSSGFSKSTAYVCAVLIIPBYGVYKAGVSSOPVSLADRLIG 768
DB 709 RKMSVCTDNVTLRIPEGSSGFSKSTAYVCAVLIIPBYGVYKAGVSSOPVSLADRLIG 768
QY 769 VTTDMTLDDITSPALFHELSIGIDVIFFYRSNDVTQSCSSGRSTTRVPCSPQKTVPG 828
DB 769 VTTDMTLDDITSPALFHELSIGIDVIFFYRSNDVTQSCSSGRSTTRVPCSPQKTVPG 828
QY 829 SLLPFGTSDGTGDCNPFHFWESAACPLCSVDYHAIIVSSCVAGIQ 876
DB 829 SLLPFGTSDGTGDCNPFHFWESAACPLCSVDYHAIIVSSCVAGIQ 876

RESULT 17
US-10-141-755-38
; Sequence 38, Application US/10141755
; Publication No. US20030054517A1
GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-141-755-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIPEFVQNDQCPNADDSRMKTKTEKGM 228
DB 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIPEFVQNDQCPNADDSRMKTKTEKGM 228
QY 229 EFHSVEILNRGNVLYMRTAFSVWTKVPKPYLVNIAITGAATSECFPCPGTYADKOG 288
DB 229 EFHSVEILNRGNVLYMRTAFSVWTKVPKPYLVNIAITGAATSECFPCPGTYADKOG 288
QY 289 SSFCKLCPANSYKNGKTSCHQCPDKYSEKSSCNVRPACTDKOYFYHTACDANGET 348
DB 289 SSFCKLCPANSYKNGKTSCHQCPDKYSEKSSCNVRPACTDKOYFYHTACDANGET 348

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Db 289 SSFCKLCPANSYNNKGETSCHQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNSTCOPCPYGSYNSGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNSTCOPCPYGSYNSGSDC 408
Qy 409 TRCPAGTEPAVGFYKMWNTLPNTMETTVLSGINFYKMTGMEVADH1YTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKMWNTLPNTMETTVLSGINFYKMTGMEVADH1YTAAGASDND 468
Qy 469 FMILLVPPGFRPPOSVMADTENKEVARITFVFETLCSVNCCLYFMVGVNSRTNTPVETW 528
Db 469 FMILLVPPGFRPPOSVMADTENKEVARITFVFETLCSVNCCLYFMVGVNSRTNTPVETW 528
Qy 529 KSGKSGOSYTYIIIEBNTTTSFTMAFORITFHEASRKYTNDAKIYSINVTNVMNGVASYC 588
Db 529 KSGKSGOSYTYIIIEBNTTTSFTMAFORITFHEASRKYTNDAKIYSINVTNVMNGVASYC 588
Qy 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPYGVAQVCPGPGTKNN 648
Db 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPYGVAQVCPGPGTKNN 648
Qy 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCSNQG 708
Db 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCSNQG 708
Qy 709 RKMSVCTDNVTDLRIPBESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPBESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Qy 769 VTTDMTLDGITSPELPHLSLGIIPDYIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSPELPHLSLGIIPDYIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Qy 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 18
US-10-143-032-38
; Sequence 38, Application US/10143032
; Publication No. US2003005909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Mei-Qiang
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Matanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330RIC245
; CURRENT APPLICATION NUMBER: US/10/143, 032
; PRIORITY FILING DATE: 2002-05-10
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:

```

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; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-143-032-38

Query Match
Best Local Similarity 100.0%; Pred. No. 0; Indels 0; Gaps 0;
Matches 708; Conservative 0; Mismatches 0;

Qy 169 NTDECTATLMYAVNLKQSGTVNEYYYPDSIIIEFFVQNDQCPNADSRMKTTEKGM 228
Db 169 NTDECTATLMYAVNLKQSGTVNEYYYPDSIIIEFFVQNDQCPNADSRMKTTEKGM 228
Qy 229 EFHSVELNRGNVLYKRTTAFSWTVPKPVLYVRNIAIGVATSSCFCKPQTVADKOG 288
Db 229 EFHSVELNRGNVLYKRTTAFSWTVPKPVLYVRNIAIGVATSSCFCKPQTVADKOG 288
Qy 289 SSFCKLCPANSYNNKGETSCHQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
Db 289 SSFCKLCPANSYNNKGETSCHQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNSTCOPCPYGSYNSGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNSTCOPCPYGSYNSGSDC 408
Qy 409 TRCPAGTEPAVGFYKMWNTLPNTMETTVLSGINFYKMTGMEVADH1YTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKMWNTLPNTMETTVLSGINFYKMTGMEVADH1YTAAGASDND 468
Qy 469 FMILLVPPGFRPPOSVMADTENKEVARITFVFETLCSVNCCLYFMVGVNSRTNTPVETW 528
Db 469 FMILLVPPGFRPPOSVMADTENKEVARITFVFETLCSVNCCLYFMVGVNSRTNTPVETW 528
Qy 529 KSGKSGOSYTYIIIEBNTTTSFTMAFORITFHEASRKYTNDAKIYSINVTNVMNGVASYC 588
Db 529 KSGKSGOSYTYIIIEBNTTTSFTMAFORITFHEASRKYTNDAKIYSINVTNVMNGVASYC 588
Qy 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPYGVAQVCPGPGTKNN 648
Db 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPYGVAQVCPGPGTKNN 648
Qy 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCSNQG 708
Db 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKYFHHFTLSLCSNQG 708
Qy 709 RKMSVCTDNVTDLRIPBESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPBESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Qy 769 VTTDMTLDGITSPELPHLSLGIIPDYIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSPELPHLSLGIIPDYIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Qy 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 19
US-10-123-108-38
; Sequence 38, Application US/10123108
; Publication No. US2003006879A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Mei-Qiang
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

```

APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Matanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P330R1C36
CURRENT APPLICATION NUMBER: US/10/123,108
CURRENT FILING DATE: 2002-04-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Prior APPLICATION NUMBER: 60/085704
Prior FILING DATE: 1998-05-15
Prior APPLICATION NUMBER: 60/086414
Prior FILING DATE: 1998-05-22
Prior APPLICATION NUMBER: 60/086430
Prior FILING DATE: 1998-05-22
Prior APPLICATION NUMBER: 60/087106
Prior FILING DATE: 1998-05-28
Prior APPLICATION NUMBER: 60/088026
Prior FILING DATE: 1998-06-04
Prior APPLICATION NUMBER: 60/088730
Prior FILING DATE: 1998-06-10
Prior APPLICATION NUMBER: 60/088741
Prior FILING DATE: 1998-06-10
Prior APPLICATION NUMBER: 60/088810
Prior FILING DATE: 1998-06-10
Prior APPLICATION NUMBER: 60/088858
Prior FILING DATE: 1998-06-11
Prior APPLICATION NUMBER: 60/089332
Prior FILING DATE: 1998-06-17
Prior APPLICATION NUMBER: 60/089539
Prior FILING DATE: 1998-06-17
Prior APPLICATION NUMBER: 60/089907
Prior FILING DATE: 1998-06-18
Prior APPLICATION NUMBER: 60/089947
Prior FILING DATE: 1998-06-19
Prior APPLICATION NUMBER: 60/090349
Prior FILING DATE: 1998-06-23
Prior APPLICATION NUMBER: 60/090429
Prior FILING DATE: 1998-06-24
Prior APPLICATION NUMBER: 60/090445
Prior FILING DATE: 1998-06-24
Prior APPLICATION NUMBER: 60/090538
Prior FILING DATE: 1998-06-24
Prior APPLICATION NUMBER: 60/090863
Prior FILING DATE: 1998-06-26
Prior APPLICATION NUMBER: 60/091360
Prior FILING DATE: 1998-07-01
Prior APPLICATION NUMBER: 60/091519
Prior FILING DATE: 1998-07-02
Prior APPLICATION NUMBER: 60/091982

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
EFHSEVLEIRGNVLYWRTTASVTKVPKPVLVRNIAITGVAITSECPCKPGTYADKOG 288
EFHSEVLEIRGNVLYWRTTASVTKVPKPVLVRNIAITGVAITSECPCKPGTYADKOG 288
SSFEKLCGPANSYKSGTSCQCPDKYSEKSSCNVRPACTCKDYVTHYTTADANGET 348
SSFEKLCGPANSYKSGTSCQCPDKYSEKSSCNVRPACTCKDYVTHYTTADANGET 348
QLMYKMAKPKICSEDLBGAVALPASGVTHCPNCPGFFKNNSTCOPCPYSGYSNGSDC 408
QLMYKMAKPKICSEDLBGAVALPASGVTHCPNCPGFFKNNSTCOPCPYSGYSNGSDC 408
TRCAGTEBPAGFEYKMMNLPJMMETTVLSGINFEEYKMGWEVAGDHITTAAGASDND 468
TRCAGTEBPAGFEYKMMNLPJMMETTVLSGINFEEYKMGWEVAGDHITTAAGASDND 468
FMILLVPGRPPOSVADTENKEVARITEFPEFLCSVNCLEYPMGVNSRNTPTPVETW 528
FMILLVPGRPPOSVADTENKEVARITEFPEFLCSVNCLEYPMGVNSRNTPTPVETW 528
KSGKSGOSYIIIEENTTSTFTWAFORTTFEASRKYTNDAKIYSINVTWNVNGVASYC 588
KSGKSGOSYIIIEENTTSTFTWAFORTTFEASRKYTNDAKIYSINVTWNVNGVASYC 588

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RPCLASNDVSSCTSCPAAGYIDRDSGTCHSCPNTILKAHPYGVQACVPCPGPTKNN 648
RPCLASNDVSSCTSCPAAGYIDRDSGTCHSCPNTILKAHPYGVQACVPCPGPTKNN 648
KHSICNDCTFSRNPTRFRFNYSALANTYTLAAGPSTSGLYFHHFTLSLGNQOG 708
KHSICNDCTFSRNPTRFRFNYSALANTYTLAAGPSTSGLYFHHFTLSLGNQOG 708
RKMSVCTDNTDLRIPEGESGFSKSTAYVCAVILPEVYTGKAGVSSQVSLADRLIG 768
RKMSVCTDNTDLRIPEGESGFSKSTAYVCAVILPEVYTGKAGVSSQVSLADRLIG 768
VTDMTIDGITSPAELEFHELSLGPVIFPYSNDVYQSCSSRSTTIRVRCSPKTVPG 828
VTDMTIDGITSPAELEFHELSLGPVIFPYSNDVYQSCSSRSTTIRVRCSPKTVPG 828
SLLPCTGSDGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876
SLLPCTGSDGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 20

US-10-123-236-38
Sequence 38, Application US/10123236
Publication No. US20030068795A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C33
CURRENT APPLICATION NUMBER: US/10/123,236
CURRENT FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 38
LENGTH: 1013
TYPE: PRT
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: unsure
LOCATION: 877, 882
OTHER INFORMATION: unknown amino acid
US*10-123-236-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
EFHSEVLEIRGNVLYWRTTASVTKVPKPVLVRNIAITGVAITSECPCKPGTYADKOG 288
EFHSEVLEIRGNVLYWRTTASVTKVPKPVLVRNIAITGVAITSECPCKPGTYADKOG 288


```

OY 289 SSFCLCCANYSXNKGESHCQCPDCKXSEKSSCNVRPACTDCKDYFYHTHTCDANGET 348
Db 289 SSFCLCCANYSXNKGESHCQCPDCKXSEKSSCNVRPACTDCKDYFYHTHTCDANGET 348
OY 349 QLMYKAPKICSEBLEGAVLPAASGVKTHCPCPNPGFKTNNSCTCPCPYGSGYSNGSDC 408
Db 349 QLMYKAPKICSEBLEGAVLPAASGVKTHCPCPNPGFKTNNSCTCPCPYGSGYSNGSDC 408
OY 409 TRCPAGTEPAIGFEYKMNNTLPTMETTVLGSINFEYKMTGMEVADH1YTTAAGSND 468
Db 409 TRCPAGTEPAIGFEYKMNNTLPTMETTVLGSINFEYKMTGMEVADH1YTTAAGSND 468
OY 469 FMILTVVPGFRPPQSVADTENKEVARITVFPEFLCSVNCCLFMYGVNSRNTPTVETW 528
Db 469 FMILTVVPGFRPPQSVADTENKEVARITVFPEFLCSVNCCLFMYGVNSRNTPTVETW 528
OY 529 KGSKKKOSYTYIIEBNTTSTTMAFORTTPEASRKTNDVAKYISINVTVNMGVASYC 588
Db 529 KGSKKKOSYTYIIEBNTTSTTMAFORTTPEASRKTNDVAKYISINVTVNMGVASYC 588
OY 589 RPCALAEADVSSSCSPAGYIIDRDSGTCHSCPNTILKAHOPYGVQACVPCPGPKXN 648
Db 589 RPCALAEADVSSSCSPAGYIIDRDSGTCHSCPNTILKAHOPYGVQACVPCPGPKXN 648
OY 649 KIHSLCYNDCTPSRNTPTRTFNYNFSAIANTVTLAAGPSFTSKGLKXFFHFTLSLGNQ 708
Db 649 KIHSLCYNDCTPSRNTPTRTFNYNFSAIANTVTLAAGPSFTSKGLKXFFHFTLSLGNQ 708
OY 709 RKMSTCTNMTDLRIPEBESGFSKSTIAYVQAVITPEPYTGYAGSGSQPSIADRLIG 768
Db 709 RKMSTCTNMTDLRIPEBESGFSKSTIAYVQAVITPEPYTGYAGSGSQPSIADRLIG 768
OY 769 VTTDMTLDIGTSPALFELBLGIPDVIFEFYSNDVTYQSSGSRSTIRVRCSPQKTVPG 828
Db 769 VTTDMTLDIGTSPALFELBLGIPDVIFEFYSNDVTYQSSGSRSTIRVRCSPQKTVPG 828
OY 829 SLLPFGTSDGTCGDCNHFPLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPFGTSDGTCGDCNHFPLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 21
US-10-123-261-38
; Sequence 38, Application US/10123261
; Publication No. US20030068796A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C42
; CURRENT APPLICATION NUMBER: US/10/123,261
; Prior Filing DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT

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Query Match	70.7%;	Score 708;	DB 9;	Length 1013;
Best Local Similarity	100.0%;	Mism. No. 0;		
Matches 708;	Conservative 0;	Indels 0;	Gaps 0;	
ORGANISM: Homo Sapien				
FEATURE:				
NAME/KEY: unsure				
LOCATION: 877, 882				
OTHER INFORMATION: unknown amino acid				
US-10-123-261-38				
NTDECTATLMAVNLKSGGVNFEYYYPDSSIIFFEPQNDQCPNADSRMMKTKTGW	169			228
NIDECTALTLMAVNLKSGGVNFEYYYPDSSIIFFEPQNDQCPNADSRMMKTKTGW	169			228
EFHSVELNRGNVLYMRTAASVTKYKPKPLVNLINAIATGAAYTSECPCKRGYADKOG	229			288
EFHSVELNRGNVLYMRTAASVTKYKPKPLVNLINAIATGAAYTSECPCKRGYADKOG	229			288
SSFCPLCPANYSYKNGEFTSCHQCPDKSEKSSSCNRPACTDKDYTTTACDANET	289			348
SSFCPLCPANYSYKNGEFTSCHQCPDKSEKSSSCNRPACTDKDYTTTACDANET	289			348
QLMKMAAPKICSEDLBGAVFLPASGVYTHPCPNCPGCFKTNNSICQCPYGSYSNGSDC	349			408
QLMKMAAPKICSEDLBGAVFLPASGVYTHPCPNCPGCFKTNNSICQCPYGSYSNGSDC	349			408
TRCPAGTEPAVGFEXKMMNTLPTNMEITVLGGINFEYKGMTGWEVAGDHITTAAGASDND	409			468
TRCPAGTEPAVGFEXKMMNTLPTNMEITVLGGINFEYKGMTGWEVAGDHITTAAGASDND	409			468
FMILTLLVPGFRPPQSVADTENKEVARITFVFETLCSVNCIELYFMGVNSRINTPVETW	469			528
FMILTLLVPGFRPPQSVADTENKEVARITFVFETLCSVNCIELYFMGVNSRINTPVETW	469			528
KSGKSGKOSYTIIEENTTSFTMAFORTFEASRKYNDVAKIYSINVTVMGVASVC	529			588
KSGKSGKOSYTIIEENTTSFTMAFORTFEASRKYNDVAKIYSINVTVMGVASVC	529			588
KSGKSGKOSYTIIEENTTSFTMAFORTFEASRKYNDVAKIYSINVTVMGVASVC	529			588
RPCALAEADVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPYQVACVPCPGGTGN	589			648
RPCALAEADVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHOPYQVACVPCPGGTGN	589			648
KIHSLCYNDCTFSRNTPTRTFNYPFSALANTVTLAAGBSFTSKGLKXPHFTLSLGNQG	649			708
KIHSLCYNDCTFSRNTPTRTFNYPFSALANTVTLAAGBSFTSKGLKXPHFTLSLGNQG	649			708
KIHSLCYNDCTFSRNTPTRTFNYPFSALANTVTLAAGBSFTSKGLKXPHFTLSLGNQG	649			708
RKMSVCTDNVTDLRIPEBSGFSKSIITAYVQAVIIPPEVTGYKAGVSSQVSLADRLIG	709			768
RKMSVCTDNVTDLRIPEBSGFSKSIITAYVQAVIIPPEVTGYKAGVSSQVSLADRLIG	709			768
RKMSVCTDNVTDLRIPEBSGFSKSIITAYVQAVIIPPEVTGYKAGVSSQVSLADRLIG	709			768
VTTDMTLDGITSAPLEFLHESLGIIPDVIFFRSNDVMTQSCSSGRTTIRVCSPOKTVPG	769			828
VTTDMTLDGITSAPLEFLHESLGIIPDVIFFRSNDVMTQSCSSGRTTIRVCSPOKTVPG	769			828
SLLPGLTCSGDTCDGCFHFLMESAAACPLCSVADYHAIIVSSCVAGIQ	829			876
SLLPGLTCSGDTCDGCFHFLMESAAACPLCSVADYHAIIVSSCVAGIQ	829			876
SLLPGLTCSGDTCDGCFHFLMESAAACPLCSVADYHAIIVSSCVAGIQ	829			876

```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; PRIOR APPLICATION: 2002-05-07
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-921-38

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTDECTATLMAVAVLKSGGVNFEYYPDSIIFFEFVQNDQCPNADDSRMKTKTEKGM 228
Db 169 NTDECTATLMAVAVLKSGGVNFEYYPDSIIFFEFVQNDQCPNADDSRMKTKTEKGM 228

Qy 229 EFHSVELNRGNVLYWRTTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288

Qy 289 SSFCKLCPANSYSNKGSTCHQCDPKRSEKSSSCNRPACTDKDYFTHTACDANGT 348
Db 289 SSFCKLCPANSYSNKGSTCHQCDPKRSEKSSSCNRPACTDKDYFTHTACDANGT 348

Qy 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTQPCPYGSYSNCSDC 408
Db 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTQPCPYGSYSNCSDC 408

Qy 409 TRCPAGTEPAVGFYKWMNTLPTNMETTVLSGINFEXKGMTGWEVAGDHIYTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKWMNTLPTNMETTVLSGINFEXKGMTGWEVAGDHIYTAAGASDND 468

Qy 469 FMILLVVGPRPQSVADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528
Db 469 FMILLVVGPRPQSVADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528

Qy 529 KGSKGKQSYTYIIIBENTTSTFTMAFORTTPEASRKYTNDAKIYSINVTVMGVASYS 588
Db 529 KGSKGKQSYTYIIIBENTTSTFTMAFORTTPEASRKYTNDAKIYSINVTVMGVASYS 588

Qy 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCGRTGN 648
Db 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCGRTGN 648

Qy 649 KIHSLCYNDCFSRNTPTRTNPNFSALANTVTLAAGSFSTSKGKYHHHTLSLCGNG 708
Db 649 KIHSLCYNDCFSRNTPTRTNPNFSALANTVTLAAGSFSTSKGKYHHHTLSLCGNG 708

Qy 709 RKMSVCTDNVTLRIPEGESGFSSKITAYVCOAVIIPPEVGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTLRIPEGESGFSSKITAYVCOAVIIPPEVGYKAGVSSQVSLADRLIG 768

Qy 769 VTTMTLDIGITSPALFHLBSLGIIDVIFPYRSNDVTQSCSGRSTTIRVCSPOKTPG 828
Db 769 VTTMTLDIGITSPALFHLBSLGIIDVIFPYRSNDVTQSCSGRSTTIRVCSPOKTPG 828

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Qy 829 SLILPGTCSGDTGCGNPHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLILPGTCSGDTGCGNPHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 23
US-10-140-928-38
; Sequence 38, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; PRIOR APPLICATION: 2002-05-07
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-928-38

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTDECTATLMAVAVLKSGGVNFEYYPDSIIFFEFVQNDQCPNADDSRMKTKTEKGM 228
Db 169 NTDECTATLMAVAVLKSGGVNFEYYPDSIIFFEFVQNDQCPNADDSRMKTKTEKGM 228

Qy 229 EFHSVELNRGNVLYWRTTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288

Qy 289 SSFCKLCPANSYSNKGSTCHQCDPKRSEKSSSCNRPACTDKDYFTHTACDANGT 348
Db 289 SSFCKLCPANSYSNKGSTCHQCDPKRSEKSSSCNRPACTDKDYFTHTACDANGT 348

Qy 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTQPCPYGSYSNCSDC 408
Db 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTQPCPYGSYSNCSDC 408

Qy 409 TRCPAGTEPAVGFYKWMNTLPTNMETTVLSGINFEXKGMTGWEVAGDHIYTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKWMNTLPTNMETTVLSGINFEXKGMTGWEVAGDHIYTAAGASDND 468

Qy 469 FMILLVVGPRPQSVADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528
Db 469 FMILLVVGPRPQSVADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528

```

QY 529 KSGKQSYTYIIIEENTTTSFTMAFORTFHEASRKYTDVAKIYSINVTNMMNGVASYC 588
 DB 529 KSGKQSYTYIIIEENTTTSFTMAFORTFHEASRKYTDVAKIYSINVTNMMNGVASYC 588
 QY 589 RPKALASDVGSSTSCPAGYIIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 DB 589 RPKALASDVGSSTSCPAGYIIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 QY 649 KIHSLCYNDCTSRNPTPTTFYNSFALANTVTLAAGBSFTSKGLKYPHFTLSLCGNQG 708
 DB 649 KIHSLCYNDCTSRNPTPTTFYNSFALANTVTLAAGBSFTSKGLKYPHFTLSLCGNQG 708
 QY 709 RPKSVCTDNVTLRIPEBSGFSKSIITAVCOAVIIPPEVGYKAGVSSQPSIADRLIG 768
 DB 709 RPKSVCTDNVTLRIPEBSGFSKSIITAVCOAVIIPPEVGYKAGVSSQPSIADRLIG 768
 QY 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYKSNVDTOSCSGSRSTTIRVCSPOKTVPG 828
 DB 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYKSNVDTOSCSGSRSTTIRVCSPOKTVPG 828
 QY 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVADYHAIIVSSCVAGIQ 876
 DB 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVADYHAIIVSSCVAGIQ 876

RESULT 24

US-10-121-045-38

/ Sequence 38, Application US/10121045
 / Publication No. US20030073210A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: Deforge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Sherwood, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Watanabe, Colin K
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P330R1C8
 / CURRENT APPLICATION NUMBER: US/10/121,045
 / CURRENT FILING DATE: 2002-04-11
 / Prior Application removed - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 550
 / SEQ ID NO 38
 / LENGTH: 1013
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 / FEATURE:
 / NAME/KEY: unsure
 / LOCATION: 877, 882
 / OTHER INFORMATION: unknown amino acid
 / US-10-121-045-38

Query Match

Best Local Similarity 70.7%; Score 708; DB 9; Length 1013;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLWAVNLKSGTVNFEYYPDSIIIEFFVQNDQCPNADDSRMKKTTEKGM 228
 DB 169 NTDECTATLWAVNLKSGTVNFEYYPDSIIIEFFVQNDQCPNADDSRMKKTTEKGM 228
 QY 229 EFHSVELNRGNVLYMRTAFSVWTKVPRVLYRNIAITGVAVTSCFPCKPGTVADKOG 288

DB 229 EFHSVELNRGNVLYMRTAFSVWTKVPRVLYRNIAITGVAVTSCFPCKPGTVADKOG 288
 QY 289 SSPCKLCPANSYNSKGETSCHQCDPDKYSEKSSSCNVRPACTDKDYFYTHAACANGET 348
 DB 289 SSPCKLCPANSYNSKGETSCHQCDPDKYSEKSSSCNVRPACTDKDYFYTHAACANGET 348
 QY 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPNPFKTNNSSTQCPDYSYNSGSC 408
 DB 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPNPFKTNNSSTQCPDYSYNSGSC 408
 QY 409 TRCPAGTEPAVGEYKMMNTLPNMTETVLSGINEPKAGTMEVAGDHITYAAGASDND 468
 DB 409 TRCPAGTEPAVGEYKMMNTLPNMTETVLSGINEPKAGTMEVAGDHITYAAGASDND 468
 QY 469 FMILTIVPGEFRPOSVMADTENKEVARITFVEETLCSVNCBLYFMVGVNSRTNTPVEWT 528
 DB 469 FMILTIVPGEFRPOSVMADTENKEVARITFVEETLCSVNCBLYFMVGVNSRTNTPVEWT 528
 QY 529 KSGKQSYTYIIIEENTTTSFTMAFORTFHEASRKYTDVAKIYSINVTNMMNGVASYC 588
 DB 529 KSGKQSYTYIIIEENTTTSFTMAFORTFHEASRKYTDVAKIYSINVTNMMNGVASYC 588
 QY 589 RPKALASDVGSSTSCPAGYIIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 DB 589 RPKALASDVGSSTSCPAGYIIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 QY 649 KIHSLCYNDCTSRNPTPTTFYNSFALANTVTLAAGBSFTSKGLKYPHFTLSLCGNQG 708
 DB 649 KIHSLCYNDCTSRNPTPTTFYNSFALANTVTLAAGBSFTSKGLKYPHFTLSLCGNQG 708
 QY 709 RPKSVCTDNVTLRIPEBSGFSKSIITAVCOAVIIPPEVGYKAGVSSQPSIADRLIG 768
 DB 709 RPKSVCTDNVTLRIPEBSGFSKSIITAVCOAVIIPPEVGYKAGVSSQPSIADRLIG 768
 QY 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYKSNVDTOSCSGSRSTTIRVCSPOKTVPG 828
 DB 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYKSNVDTOSCSGSRSTTIRVCSPOKTVPG 828
 QY 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVADYHAIIVSSCVAGIQ 876
 DB 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVADYHAIIVSSCVAGIQ 876

RESULT 25

US-10-123-292-38

/ Sequence 38, Application US/10123292
 / Publication No. US20030073211A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: Deforge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Sherwood, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Watanabe, Colin K
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P330R1C32
 / CURRENT APPLICATION NUMBER: US/10/123,292
 / CURRENT FILING DATE: 2002-04-15
 / Prior Application removed - See File Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 550

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; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-123-292-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 169 NTDECTATLMTAVNLKOSGVNFEYYPDSIIIEFFVQNDQCPNADBSRMKTKTEKGM 228
DB 169 NTDECTATLMTAVNLKOSGVNFEYYPDSIIIEFFVQNDQCPNADBSRMKTKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPLVYRNIAITGVAATSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPLVYRNIAITGVAATSECPCKPGTYADKOG 288
QY 289 SSFCKLCPANSYKNGKETSCHQCDPDKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
DB 289 SSFCKLCPANSYKNGKETSCHQCDPDKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNPGFCKTNNSTCQPCPYGSYNSGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNPGFCKTNNSTCQPCPYGSYNSGSDC 408
QY 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMTGMEVAGDHIYTAAGASDND 468
DB 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMTGMEVAGDHIYTAAGASDND 468
QY 469 FMILTLLVPGFRPQSVADTENKEVARITFVPEFTLCSVNCELYFMVGVNSRTNTPVETW 528
DB 469 FMILTLLVPGFRPQSVADTENKEVARITFVPEFTLCSVNCELYFMVGVNSRTNTPVETW 528
QY 529 KSGKSGKOSTYIIIEENTTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
DB 529 KSGKSGKOSTYIIIEENTTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
QY 589 RPKALEASDVSSCTSCPCAGYIDRDSGTCHSCPNTILKAHOPGYVQACVPCPGTKNN 648
DB 589 RPKALEASDVSSCTSCPCAGYIDRDSGTCHSCPNTILKAHOPGYVQACVPCPGTKNN 648
QY 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
DB 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
QY 709 RKMSVCTDNVTLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
DB 709 RKMSVCTDNVTLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
QY 769 VTTMTLDTGISPALEIFLESLSIGPDVIFEFYRSNDVQSCSGSSTIIRKCSQKIVPG 828
DB 769 VTTMTLDTGISPALEIFLESLSIGPDVIFEFYRSNDVQSCSGSSTIIRKCSQKIVPG 828
QY 829 SLLPFGTSDGTCDGCMFHPLESAAACPLCSVADYHAIVSSCVAIGIQ 876
DB 829 SLLPFGTSDGTCDGCMFHPLESAAACPLCSVADYHAIVSSCVAIGIQ 876

```

RESULT 26

US-10-123-903-38

Sequence 38, Application US/10123903

Publication No. US2003007321A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Laura

APPLICANT: DeGeorge, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Tumanabe, Colleen K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zhen
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; PRIOR FILING DATE: 2002-04-16
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-123-903-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 169 NTDECTATLMTAVNLKOSGVNFEYYPDSIIIEFFVQNDQCPNADBSRMKTKTEKGM 228
DB 169 NTDECTATLMTAVNLKOSGVNFEYYPDSIIIEFFVQNDQCPNADBSRMKTKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPLVYRNIAITGVAATSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPLVYRNIAITGVAATSECPCKPGTYADKOG 288
QY 289 SSFCKLCPANSYKNGKETSCHQCDPDKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
DB 289 SSFCKLCPANSYKNGKETSCHQCDPDKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNPGFCKTNNSTCQPCPYGSYNSGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNPGFCKTNNSTCQPCPYGSYNSGSDC 408
QY 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMTGMEVAGDHIYTAAGASDND 468
DB 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMTGMEVAGDHIYTAAGASDND 468
QY 469 FMILTLLVPGFRPQSVADTENKEVARITFVPEFTLCSVNCELYFMVGVNSRTNTPVETW 528
DB 469 FMILTLLVPGFRPQSVADTENKEVARITFVPEFTLCSVNCELYFMVGVNSRTNTPVETW 528
QY 529 KSGKSGKOSTYIIIEENTTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
DB 529 KSGKSGKOSTYIIIEENTTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
QY 589 RPKALEASDVSSCTSCPCAGYIDRDSGTCHSCPNTILKAHOPGYVQACVPCPGTKNN 648
DB 589 RPKALEASDVSSCTSCPCAGYIDRDSGTCHSCPNTILKAHOPGYVQACVPCPGTKNN 648
QY 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
DB 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
QY 709 RKMSVCTDNVTLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
DB 709 RKMSVCTDNVTLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768

```

QY 769 VTDMTLTGITSPALFHLBSLGIIPDVIFFYRNDVTQSCSSGRTTIRVCSPOKTVPG 828
 DB 769 VTDMTLTGITSPALFHLBSLGIIPDVIFFYRNDVTQSCSSGRTTIRVCSPOKTVPG 828
 QY 829 SLILPGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
 DB 829 SLILPGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 27

US-10-124-819-38
 ; Sequence 38, Application US/10124819
 ; Publication No. US2003007321A1
 ; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C65
 CURRENT APPLICATION NUMBER: US/10/124,819
 PRIOR FILING DATE: 2002-04-17
 PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 38
 LENGTH: 1013
 TYPE: PRT
 ORGANISM: Homo Sapien
 FEATURE:
 NAME/KEY: unsure
 LOCATION: 877, 882
 OTHER INFORMATION: unknown amino acid
 US-10-124-819-38

Query Match

70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKSGTVNFEYYPDSIIFFEFVQNDQCPNADSRMWTTEKGM 228
 DB 169 NTDECTATLMAVNLKSGTVNFEYYPDSIIFFEFVQNDQCPNADSRMWTTEKGM 228
 QY 229 EFHSVELNRGNVLYMRTAFSVWTKVPRVYRNALIGVATATSCCPKPKETVADKGG 288
 DB 229 EFHSVELNRGNVLYMRTAFSVWTKVPRVYRNALIGVATATSCCPKPKETVADKGG 288
 QY 289 SSFCKLCPPANSYNSNGKETSCHQCDPDKYSEKSSCNVPACTDKOYFYTHTACDANGET 348
 DB 289 SSFCKLCPPANSYNSNGKETSCHQCDPDKYSEKSSCNVPACTDKOYFYTHTACDANGET 348
 QY 349 QLMYKAKKPKICSEDLGAVKLPASGVKTHCPKCPNPGFFTTNNSTQCPKPYGSSNGSDC 408
 DB 349 QLMYKAKKPKICSEDLGAVKLPASGVKTHCPKCPNPGFFTTNNSTQCPKPYGSSNGSDC 408
 QY 409 TRCPAGTEPAVGEYKWMNTLPNMTETVLSGINFYKGMTGAVGDIHYTAAGSDND 468
 DB 409 TRCPAGTEPAVGEYKWMNTLPNMTETVLSGINFYKGMTGAVGDIHYTAAGSDND 468
 QY 469 FMILLVVPGRPPQSVADTENKEVARITFEETLCVNCCLYFMVGVNSRTNTPVETW 528

DB 469 FMILLVVPGRPPQSVADTENKEVARITFEETLCVNCCLYFMVGVNSRTNTPVETW 528
 QY 529 KSKGKQSTYIIIEENTTTSFTMAFORTTFHASKRYNDVAKIYSINVTVMANGVASYC 588
 DB 529 KSKGKQSTYIIIEENTTTSFTMAFORTTFHASKRYNDVAKIYSINVTVMANGVASYC 588
 QY 589 RPKALEASDVSSCTSCPAGYIYDRDSCGSCPEPTILKAHOPGYOVACVPCGGGTGN 648
 DB 589 RPKALEASDVSSCTSCPAGYIYDRDSCGSCPEPTILKAHOPGYOVACVPCGGGTGN 648
 QY 649 KIHSLCYNDCTFSRNTPTFTFNYSALANTVTLAGBSFTSKGKYFHPHTLSLGNQG 708
 DB 649 KIHSLCYNDCTFSRNTPTFTFNYSALANTVTLAGBSFTSKGKYFHPHTLSLGNQG 708
 QY 709 RKMSVCTNDVTLRIPEBSGSKSITAYVCOAVIIPPEVGYRAGVSSQPSVLADRLIG 768
 DB 709 RKMSVCTNDVTLRIPEBSGSKSITAYVCOAVIIPPEVGYRAGVSSQPSVLADRLIG 768
 QY 769 VTDMTLTGITSPALFHLBSLGIIPDVIFFYRNDVTQSCSSGRTTIRVCSPOKTVPG 828
 DB 769 VTDMTLTGITSPALFHLBSLGIIPDVIFFYRNDVTQSCSSGRTTIRVCSPOKTVPG 828
 QY 829 SLILPGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
 DB 829 SLILPGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 28

US-10-124-822-38
 ; Sequence 38, Application US/10124822
 ; Publication No. US2003007321A1
 ; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
 APPLICANT: Beresini, Maureen
 APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 TITLE OF INVENTION: ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C64
 CURRENT APPLICATION NUMBER: US/10/124,822
 PRIOR FILING DATE: 2002-04-17
 PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO 38
 LENGTH: 1013
 TYPE: PRT
 ORGANISM: Homo Sapien
 FEATURE:
 NAME/KEY: unsure
 LOCATION: 877, 882
 OTHER INFORMATION: unknown amino acid
 US-10-124-822-38

Query Match

70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKSGTVNFEYYPDSIIFFEFVQNDQCPNADSRMWTTEKGM 228
 DB 169 NTDECTATLMAVNLKSGTVNFEYYPDSIIFFEFVQNDQCPNADSRMWTTEKGM 228

```

Db 169 NTDECTATLMTAVNLKQSGTVNFEYYPDSIIIEFFVQNDQCOPNADSRMMKTEKGW 228
Qy 229 EFHSVELNRGNVLYWRTTAFSVMTKVPKVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTTAFSVMTKVPKVLVRNIAITGVAATSECPCKPGTYADKOG 288
Qy 289 SSFCKLCPANSYKNGKETSCHQCDPKYSEKSSCNVRPACTDKDYFYTHTACDANGET 348
Db 289 SSFCKLCPANSYKNGKETSCHQCDPKYSEKSSCNVRPACTDKDYFYTHTACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNNSCTQPCYGSYSNGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNNSCTQPCYGSYSNGSDC 408
Qy 409 TRCPAGTEPAVGEYKWMNTLPTNMTETVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Db 409 TRCPAGTEPAVGEYKWMNTLPTNMTETVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Qy 469 FMILLVVPGRPPQSVADTENKEVARITFEVETLCSVNCLEYFVGVNSRTNTPVEY 528
Db 469 FMILLVVPGRPPQSVADTENKEVARITFEVETLCSVNCLEYFVGVNSRTNTPVEY 528
Qy 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNVAKIYSINTVNMVNGVASYC 588
Db 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNVAKIYSINTVNMVNGVASYC 588
Qy 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVQACVPCPGTKNN 648
Db 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVQACVPCPGTKNN 648
Qy 649 KHSCLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFTSKGLKTFHHTLSLCNQG 708
Db 649 KHSCLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFTSKGLKTFHHTLSLCNQG 708
Qy 709 RKMSVCTDNVTDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVSLADRLIG 768
Qy 769 VTTDMTLDGITSFPAELFHLBSLGI PDVIFPYRSNDVTQSCSSGSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSFPAELFHLBSLGI PDVIFPYRSNDVTQSCSSGSTTIRVCSPOKTVPG 828
Qy 829 SLILPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLILPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 29
US-10-140-925-38
; Sequence 38, Application US/10140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925

```

```

; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: prt
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-925-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTDECTATLMTAVNLKQSGTVNFEYYPDSIIIEFFVQNDQCOPNADSRMMKTEKGW 228
Db 169 NTDECTATLMTAVNLKQSGTVNFEYYPDSIIIEFFVQNDQCOPNADSRMMKTEKGW 228
Qy 229 EFHSVELNRGNVLYWRTTAFSVMTKVPKVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTTAFSVMTKVPKVLVRNIAITGVAATSECPCKPGTYADKOG 288
Qy 289 SSFCKLCPANSYKNGKETSCHQCDPKYSEKSSCNVRPACTDKDYFYTHTACDANGET 348
Db 289 SSFCKLCPANSYKNGKETSCHQCDPKYSEKSSCNVRPACTDKDYFYTHTACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNNSCTQPCYGSYSNGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNNSCTQPCYGSYSNGSDC 408
Qy 409 TRCPAGTEPAVGEYKWMNTLPTNMTETVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Db 409 TRCPAGTEPAVGEYKWMNTLPTNMTETVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Qy 469 FMILLVVPGRPPQSVADTENKEVARITFEVETLCSVNCLEYFVGVNSRTNTPVEY 528
Db 469 FMILLVVPGRPPQSVADTENKEVARITFEVETLCSVNCLEYFVGVNSRTNTPVEY 528
Qy 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNVAKIYSINTVNMVNGVASYC 588
Db 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNVAKIYSINTVNMVNGVASYC 588
Qy 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVQACVPCPGTKNN 648
Db 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVQACVPCPGTKNN 648
Qy 649 KHSCLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFTSKGLKTFHHTLSLCNQG 708
Db 649 KHSCLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFTSKGLKTFHHTLSLCNQG 708
Qy 709 RKMSVCTDNVTDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPEGSEGFSSKITAYVCOAVIIPPEVTGYKAGVSSQPSVSLADRLIG 768
Qy 769 VTTDMTLDGITSFPAELFHLBSLGI PDVIFPYRSNDVTQSCSSGSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSFPAELFHLBSLGI PDVIFPYRSNDVTQSCSSGSTTIRVCSPOKTVPG 828
Qy 829 SLILPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLILPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 30
US-10-160-498-38
; Sequence 38, Application US/10160498
; Publication No. US20030073216A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

```

```

/ APPLICANT: DeForge, Laura
/ APPLICANT: Desmoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Guirney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zhen
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P330R1C451
/ CURRENT APPLICATION NUMBER: US/10/160,498
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 38
/ LENGTH: 1013
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 877, 882
/ OTHER INFORMATION: unknown amino acid
/ US-10-160-498-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDCSTATLMAVNLKOSGNTNPEYYPDSIIFFEFVONDCCPNADSRMKTTEKGM 228
DB 169 NTDCSTATLMAVNLKOSGNTNPEYYPDSIIFFEFVONDCCPNADSRMKTTEKGM 228
QY 229 EFHSVELNRGNVLYWRTTAFSVTKVPKPVLRNIAIGVAVTSCFCKGKTADKQG 288
DB 229 EFHSVELNRGNVLYWRTTAFSVTKVPKPVLRNIAIGVAVTSCFCKGKTADKQG 288
QY 289 SSFCKLCPANSYSNKGKTSCHQCDPKYSEKSSSCNVPACTDXYFTHACDANGET 348
DB 289 SSFCKLCPANSYSNKGKTSCHQCDPKYSEKSSSCNVPACTDXYFTHACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGPKTNNSTCCPCPGSYNSGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGPKTNNSTCCPCPGSYNSGSDC 408
QY 409 TRCPAGTEPAVGEYKWMNTLPTNMETTVLSGINFYKGMTGMEVAGHITTAAGASDND 468
DB 409 TRCPAGTEPAVGEYKWMNTLPTNMETTVLSGINFYKGMTGMEVAGHITTAAGASDND 468
QY 469 FMILLIVGEGFRPQSVAMDTENKEVARTTFEFLCSYNCELYFMGVNSRINTPVEWT 528
DB 469 FMILLIVGEGFRPQSVAMDTENKEVARTTFEFLCSYNCELYFMGVNSRINTPVEWT 528
QY 529 KSGKGSOSTYIIIEENTTTSFTMAFORTEFHASRKYNDVAKTYSINVTVMNGVASYC 588
DB 529 KSGKGSOSTYIIIEENTTTSFTMAFORTEFHASRKYNDVAKTYSINVTVMNGVASYC 588
QY 589 RPPALRASVGSCTSCPAGYIIDSDSGTCHSCPNTILKAHQPVQAVCPGPGTKNN 648
DB 589 RPPALRASVGSCTSCPAGYIIDSDSGTCHSCPNTILKAHQPVQAVCPGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTTFNYSALANTYTLAGGSPFSKGLKXPHFTTSLCNOG 708
DB 649 KIHSLCYNDCTFSRNTPTTFNYSALANTYTLAGGSPFSKGLKXPHFTTSLCNOG 708
QY 709 RKGAVCTDNVTLRIIPBEGSGFSKITAYVCAVILPEEVTGYKAGVSSQPVSLADRLIG 768

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DB 709 RKGAVCTDNVTLRIIPBEGSGFSKITAYVCAVILPEEVTGYKAGVSSQPVSLADRLIG 768
QY 769 VTTDTLDTGITSFPAELFHLISLGIPIVIFYFRSNDVTQSCSGRSTTIRVCSPOKTVRQ 828
DB 769 VTTDTLDTGITSFPAELFHLISLGIPIVIFYFRSNDVTQSCSGRSTTIRVCSPOKTVRQ 828
QY 829 SLLPFGTSDGTCGCGCNHFLMEBSAAACPLCSVADYHAIIVSCVAGIQ 876
DB 829 SLLPFGTSDGTCGCGCNHFLMEBSAAACPLCSVADYHAIIVSCVAGIQ 876

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RESULT 31
US-09-925-299-982
/ Sequence 982, Application US/09925299
/ Publication No. US20030040617A9
/ GENERAL INFORMATION:
/ APPLICANT: Rosen et al.
/ TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
/ FILE REFERENCE: P102
/ CURRENT APPLICATION NUMBER: US/09/925,299
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: PCT/US00/05883
/ PRIOR FILING DATE: 2000-03-08
/ PRIOR APPLICATION NUMBER: 60/124,270
/ NUMBER OF SEQ ID NOS: 1556
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 982
/ LENGTH: 208
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: SITE
/ LOCATION: (1)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (9)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (180)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (192)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (193)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (194)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (195)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (200)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ US-09-925-299-982

```

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Query Match      15.0%; Score 150; DB 9; Length 208;
Best Local Similarity 100.0%; Pred. No. 2.7e-142;
Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 630 SKGLKYFHFTSLCNGQGRMSVCTDNVTLRIIPBEGSGFSKITAYVCAVILPEEVT 749
DB 30 SKGLKYFHFTSLCNGQGRMSVCTDNVTLRIIPBEGSGFSKITAYVCAVILPEEVT 89
QY 750 GYKAGVSSQPVSLADRLIGVTTMTLDTGITSFPAELFHLISLGIPIVIFYFRSNDVTQSCS 809
DB 90 GYKAGVSSQPVSLADRLIGVTTMTLDTGITSFPAELFHLISLGIPIVIFYFRSNDVTQSCS 149

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Qy 810 SGRSTIRVRCSPKQTVGSLLPCTSDG 839
 Db 150 SGRSTIRVRCSPKQTVGSLLPCTSDG 179

RESULT 32

US-09-299-982
 ; Sequence 982, Application US/09925299
 ; Patent No. US20020055627A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA102
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05883
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1999-03-12
 ; NUMBER OF SEQ ID NOS: 1556
 ; SOFTWARE: Patent In Ver. 2.0
 ; SEQ ID NO 982
 ; LENGTH: 208
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (1)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (4)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (9)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (180)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (192)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (193)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (194)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (195)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (200)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; US-09-299-982

Query Match 15.0%; Score 150; DB 10; Length 208;
 Best Local Similarity 100.0%; Pred. No. 2.7e-142;
 Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 690 SKGKVFHFTLSLCSNGGRKMSVCTDNVDLRIPGSGSGSKSTAYVCOAVIIPPEVT 749
 Db 30 SKGLYFHFHTLSLCSNGGRKMSVCTDNVDLRIPGSGSGSKSTAYVCOAVIIPPEVT 89
 Qy 750 GYKAGVSSQPVSLADRLIGVTTMDLDTSPAEIIFHLESIGIPDVIFPFRSNDVTOSCS 809
 Db 90 GYKAGVSSQPVSLADRLIGVTTMDLDTSPAEIIFHLESIGIPDVIFPFRSNDVTOSCS 149
 Qy 810 SGRSTIRVRCSPKQTVGSLLPCTSDG 839
 Db 150 SGRSTIRVRCSPKQTVGSLLPCTSDG 179

RESULT 33

US-10-140-164-4
 ; Sequence 4, Application US/10140164
 ; Publication No. US20030072736A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker et al.
 ; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 ; FILE REFERENCE: PF514C1
 ; CURRENT FILING DATE: 2002-05-08
 ; PRIOR APPLICATION NUMBER: 09/637,856
 ; PRIOR FILING DATE: 2000-08-10
 ; PRIOR APPLICATION NUMBER: 60/148,348
 ; PRIOR FILING DATE: 1999-08-12
 ; PRIOR APPLICATION NUMBER: 60/148,683
 ; PRIOR FILING DATE: 1999-08-13
 ; PRIOR APPLICATION NUMBER: 60/148,870
 ; PRIOR FILING DATE: 1999-08-13
 ; PRIOR APPLICATION NUMBER: 60/148,758
 ; PRIOR FILING DATE: 1999-08-16
 ; PRIOR APPLICATION NUMBER: 60/149,181
 ; PRIOR FILING DATE: 1999-08-17
 ; PRIOR APPLICATION NUMBER: 60/149,453
 ; PRIOR FILING DATE: 1999-08-18
 ; PRIOR APPLICATION NUMBER: 60/149,498
 ; PRIOR FILING DATE: 1999-08-19
 ; NUMBER OF SEQ ID NOS: 76
 ; SOFTWARE: Patent In Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 1027
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-140-164-4

Query Match 2.1%; Score 21; DB 9; Length 1027;
 Best Local Similarity 100.0%; Pred. No. 3.9e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 926 LTCYFWKKNQKLEKYKSLVM 946
 Db 943 LTCYFWKKNQKLEKYKSLVM 963

RESULT 34

US-10-002-050-10
 ; Sequence 10, Application US/10002050
 ; Publication No. US20030032095A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shimkets, Richard
 ; APPLICANT: Fernandes, Elma
 ; APPLICANT: Vernet, Corine
 ; APPLICANT: Yang, Meljia
 ; APPLICANT: Boidog, Ferenc
 ; APPLICANT: Herrmann, John
 ; TITLE OF INVENTION: NO. US20030032095A1 Nucleic Acid Sequences Encoding Human Semaphorin 4D
 ; FILE REFERENCE: 15966-554 Cura-54 CON-S14
 ; CURRENT FILING DATE: 2001-11-02
 ; PRIOR APPLICATION NUMBER: US/10/002,050
 ; PRIOR FILING DATE: 2000-06-22
 ; PRIOR APPLICATION NUMBER: 60/140,584
 ; PRIOR FILING DATE: 1999-06-23
 ; NUMBER OF SEQ ID NOS: 49
 ; SOFTWARE: Patent In Ver. 2.0
 ; SEQ ID NO 10
 ; LENGTH: 411
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-002-050-10

Query Match 1.5%; Score 15; DB 9; Length 411;
 Best Local Similarity 100.0%; Pred. No. 1.8e-06;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAITSECFPCPKPGT 282
DB 116 GVAITSECFPCPKPGT 130

RESULT 35
US-10-002-304-10
; Sequence 10, Application US/10002304
; Publication No. US20030036185A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meljia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: Polynucleotides and polypeptides encoded thereby
; FILE REFERENCE: 15966-554 Cura-54 CON-58
; CURRENT APPLICATION NUMBER: US/10/002,304
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 411
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-304-10

Query Match 1.5%; Score 15; DB 9; Length 411;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 268 GVAITSECFPCPKPGT 282
DB 116 GVAITSECFPCPKPGT 130

RESULT 36
US-10-003-152-10
; Sequence 10, Application US/10003152
; Patent No. US20020151494A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meljia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20020151494A1 Amino Acid Sequences for Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cura-54 CON-512
; CURRENT APPLICATION NUMBER: US/10/003,152
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 411
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-003-152-10

Query Match 1.5%; Score 15; DB 12; Length 411;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAITSECFPCPKPGT 282
DB 116 GVAITSECFPCPKPGT 130

RESULT 37
US-10-002-050-20
; Sequence 20, Application US/10002050
; Publication No. US20030032095A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meljia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20030032095A1 Nucleic Acid Sequences Encoding Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cura-54 CON-514
; CURRENT APPLICATION NUMBER: US/10/002,050
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-050-20

Query Match 1.5%; Score 15; DB 9; Length 464;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 268 GVAITSECFPCPKPGT 282
DB 169 GVAITSECFPCPKPGT 183

RESULT 38
US-10-002-304-20
; Sequence 20, Application US/10002304
; Publication No. US20030036185A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meljia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: Polynucleotides and polypeptides encoded thereby
; FILE REFERENCE: 15966-554 Cura-54 CON-58
; CURRENT APPLICATION NUMBER: US/10/002,304
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-304-20

Query Match 1.5%; Score 15; DB 9; Length 464;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAITSECFPCPKPGT 282

Db 169 GVAYTSECPCKPCT 183

```
|||||
RESULT 39
US-10-003-152-20
; Sequence 20, Application US/10003152
; Patent No. US20020151494A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Sima
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Weijia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20020151494A1e1 Amino Acid Sequences for Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cura-54 CON-S12
; CURRENT APPLICATION NUMBER: US/10/003,152
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-003-152-20
```

Query Match 1.5%; Score 15; DB 12; Length 464;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 268 GVAYTSECPCKPCT 282
Db 169 GVAYTSECPCKPCT 183

```
RESULT 40
US-10-140-164-2
; Sequence 2, Application US/10140164
; Publication No. US20030072736A1
; GENERAL INFORMATION:
; APPLICANT: Baker et al.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
; FILE REFERENCE: PF514C1
; CURRENT APPLICATION NUMBER: US/10/140,164
; CURRENT FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: 09/637,856
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 60/148,348
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 60/148,683
; PRIOR FILING DATE: 1999-08-13
; PRIOR APPLICATION NUMBER: 60/148,870
; PRIOR FILING DATE: 1999-08-13
; PRIOR APPLICATION NUMBER: 60/148,758
; PRIOR FILING DATE: 1999-08-16
; PRIOR APPLICATION NUMBER: 60/149,181
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149,453
; PRIOR FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: 60/149,498
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 963
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-140-164-2
```

Query Match 1.5%; Score 15; DB 9; Length 963;
Best Local Similarity 100.0%; Pred. No. 3.9e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 268 GVAYTSECPCKPCT 282
Db 283 GVAYTSECPCKPCT 297

```
RESULT 41
US-09-864-761-39644
; Sequence 39644, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecm1ca-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 39644
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC002081.1 SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN LONG, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
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OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.4
 OTHER INFORMATION: SWISSPROT HIT: Q59295, EVALUATE 2.10e+00
 US-09-864-761-39644

Query Match
 Best Local Similarity 1.4%; Score 14; DB 9; Length 50;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 935 LPPADSCAIMEGD 968
 DB 19 LPPADSCAIMEGD 32

RESULT 42
 US-10-140-164-36
 Sequence 36, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:
 APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PF514C1
 CURRENT APPLICATION NUMBER: US/10/140,164
 PRIOR FILING DATE: 2002-05-08
 PRIOR APPLICATION NUMBER: 09/637,856
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453
 PRIOR FILING DATE: 1999-08-18
 PRIOR APPLICATION NUMBER: 60/149,498
 PRIOR FILING DATE: 1999-08-19
 NUMBER OF SEQ ID NOS: 76
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 36
 LENGTH: 78
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-140-164-36

Query Match
 Best Local Similarity 1.4%; Score 14; DB 9; Length 78;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 933 KNOBLEYKSKLYM 946
 DB 1 KNOBLEYKSKLYM 14

RESULT 43
 US-10-140-164-65
 Sequence 65, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:
 APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PF514C1
 CURRENT APPLICATION NUMBER: US/10/140,164
 PRIOR FILING DATE: 2002-05-08
 PRIOR APPLICATION NUMBER: 09/637,856
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683

PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453
 PRIOR FILING DATE: 1999-08-18
 PRIOR APPLICATION NUMBER: 60/149,498
 PRIOR FILING DATE: 1999-08-19
 NUMBER OF SEQ ID NOS: 76
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 65
 LENGTH: 78
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-140-164-65

Query Match
 Best Local Similarity 1.4%; Score 14; DB 9; Length 78;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 933 KNOBLEYKSKLYM 946
 DB 1 KNOBLEYKSKLYM 14

RESULT 44
 US-09-864-761-39194
 Sequence 39194, Application US/09864761
 Patent No. US2002048763A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharon G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Aecm1ca-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 PRIOR FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 39194
 LENGTH: 32
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE: MAP TO AC005538.2
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.7
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 4.8
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.6
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8
 OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 4.5
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.3
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.8
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.4
 US-09-864-761-39194

Query Match 0.9%; Score 9; DB 10; Length 32;
 Best Local Similarity 100.0%; Pred. No. 0.2;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 964 MEGEDVEDD 972
 Db 1 MEGEDVEDD 9

RESULT 45
 US-09-925-300-1680
 Sequence 1680, Application US/09925300
 Patent No. US20020151681A1
 GENERAL INFORMATION:
 APPLICANT: Craig Rosen,
 APPLICANT: Steve Ruben
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 FILE REFERENCE: PA101
 CURRENT APPLICATION NUMBER: US/09/925,300
 PRIOR FILING DATE: 2001-08-10
 PRIOR APPLICATION NUMBER: PCT/US00/05988
 PRIOR FILING DATE: 2000-03-08
 PRIOR APPLICATION NUMBER: 60/124,270
 PRIOR FILING DATE: 1999-03-12
 NUMBER OF SEQ ID NOS: 1890
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1680
 LENGTH: 519
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (321)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (332)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (333)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (337)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (511)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-09-925-300-1680

Query Match 0.9%; Score 9; DB 10; Length 519;
 Best Local Similarity 100.0%; Pred. No. 2.4;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 964 MEGEDVEDD 972
 Db 41 MEGEDVEDD 49

RESULT 46
 US-10-140-164-28
 Sequence 28, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:
 APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PFS14C1
 CURRENT APPLICATION NUMBER: US/10/140,164
 PRIOR FILING DATE: 2002-05-08
 PRIOR APPLICATION NUMBER: 09/637,856
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453
 PRIOR FILING DATE: 1999-08-18
 PRIOR APPLICATION NUMBER: 60/149,498
 PRIOR FILING DATE: 1999-08-19
 NUMBER OF SEQ ID NOS: 76
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 28
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-140-164-28

Query Match 0.8%; Score 8; DB 9; Length 8;
 Best Local Similarity 100.0%; Pred. No. 2.7e+05;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 KNOXLEYK 940
 Db 1 KNOXLEYK 8

RESULT 47
 US-10-140-164-57
 Sequence 57, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:
 APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PFS14C1
 CURRENT APPLICATION NUMBER: US/10/140,164
 PRIOR FILING DATE: 2002-05-08
 PRIOR APPLICATION NUMBER: 09/637,856
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453

PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: 60/149,498
PRIOR FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 57
LENGTH: 8
TYPE: PRT
ORGANISM: Homo sapiens
US-10-140-164-57

Query Match
Best Local Similarity 100.0%; Score 8; DB 9; Length 8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 333 KNOCKEYK 940
Db 1 KNOCKEYK 8

RESULT 48
US-09-864-761-39057
Sequence 39057, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 39057

LENGTH: 60
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC002081.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.6
OTHER INFORMATION: EST HUMAN HIT: AW966212.1, EVALUATE 2.00e-10
US-09-864-761-39057

Query Match
Best Local Similarity 100.0%; Score 8; DB 10; Length 60;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 379 CPPCNPGE 386
Db 32 CPPCNPGE 39

RESULT 49
US-09-864-761-47095
Sequence 47095, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 47095
 LENGTH: 64
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC002081.1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.55
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.52
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.49
 OTHER INFORMATION: SWISSPROT HIT: Q00019, EVALU8 8.90e-01
 US-09-864-761-47095

Query Match 0.8%; Score 8; DB 10; Length 64;
 Best Local Similarity 100.0%; Pred. No. 3.8;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 124 FDEWDELP 131
 Db 32 FDEWDELP 39

RESULT 50
 US-10-140-164-32
 Sequence 32, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:
 APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PFS14C1
 CURRENT FILING DATE: 2002-05-08
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453
 PRIOR FILING DATE: 1999-08-18
 PRIOR APPLICATION NUMBER: 60/149,498
 PRIOR FILING DATE: 1999-08-19
 NUMBER OF SEQ ID NOS: 76
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 32
 LENGTH: 74
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-140-164-32

Query Match 0.8%; Score 8; DB 9; Length 74;
 Best Local Similarity 100.0%; Pred. No. 4.3;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 379 CPDNPGEF 386
 Db 56 CPDNPGEF 63

RESULT 51
 US-10-140-164-61
 Sequence 61, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:

APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PFS14C1
 CURRENT FILING DATE: 2002-05-08
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453
 PRIOR FILING DATE: 1999-08-18
 PRIOR APPLICATION NUMBER: 60/149,498
 PRIOR FILING DATE: 1999-08-19
 NUMBER OF SEQ ID NOS: 76
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 61
 LENGTH: 74
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-140-164-61

Query Match 0.8%; Score 8; DB 9; Length 74;
 Best Local Similarity 100.0%; Pred. No. 4.3;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 379 CPDNPGEF 386
 Db 56 CPDNPGEF 63

RESULT 52
 US-09-798-889-77
 Sequence 77, Application US/09798889
 Publication No. US2003004324A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: 31 Human secreted proteins
 FILE REFERENCE: P2026P1
 CURRENT FILING DATE: 2001-03-06
 PRIOR FILING DATE: 1999-09-09
 PRIOR APPLICATION NUMBER: 60/077,714
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/077,686
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/077,687
 PRIOR FILING DATE: 1998-03-12
 PRIOR APPLICATION NUMBER: 60/077,696
 PRIOR FILING DATE: 1998-03-12
 NUMBER OF SEQ ID NOS: 185
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 77
 LENGTH: 49
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (49)
 OTHER INFORMATION: Xaa equals stop translation
 US-09-798-889-77

Query Match 0.7%; Score 7; DB 9; Length 49;
 Best Local Similarity 100.0%; Pred. No. 30;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 790 LGIPDVI 796
 Db 29 LGIPDVI 35

RESULT 53
 US-09-864-761-38905
 ; Sequence 38905, Application US/09864761
 ; Patent No. US20020046763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Aecmca-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: GB 24263,6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 38905
 ; LENGTH: 93
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO AC005344.1
 ; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4
 ; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
 ; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.4
 ; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3
 ; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2
 ; US-09-864-761-38905

Query Match 0.7%; Score 7; DB 10; Length 93;
 Best Local Similarity 100.0%; Pred. No. 54;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 828 GSHLLPG 834
 Db 74 GSHLLPG 80

RESULT 54
 US-09-798-889-51
 ; Sequence 51, Application US/09798889
 ; Publication No. US20030004324A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: 31 Human secreted proteins
 ; FILE REFERENCE: P2026P1
 ; CURRENT APPLICATION NUMBER: US/09/798,889
 ; PRIOR FILING DATE: 2001-03-06
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/393,022
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1999-09-09
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,714
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,686
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,687
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
 ; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,696
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
 ; NUMBER OF SEQ ID NOS: 185
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 51
 ; LENGTH: 168
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (60)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (132)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (132)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; US-09-798-889-51

Query Match 0.7%; Score 7; DB 9; Length 168;
 Best Local Similarity 100.0%; Pred. No. 91;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 790 LGIPDVI 796
 Db 29 LGIPDVI 35

RESULT 55
 US-09-893-737-318
 ; Sequence 318, Application US/09893737
 ; Patent No. US20020110855A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Sheppard, Paul O.
 ; APPLICANT: Presnell, Scott R.
 ; TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
 ; FILE REFERENCE: 00-41
 ; CURRENT APPLICATION NUMBER: US/09/893,737
 ; PRIOR FILING DATE: 2001-06-28
 ; PRIOR APPLICATION NUMBER: US 60/215,446
 ; PRIOR FILING DATE: 2000-06-30
 ; NUMBER OF SEQ ID NOS: 329
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 318

LENGTH: 229
TYPE: PRT
ORGANISM: Homo sapiens
US-09-893-737-318

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 229;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 807 SCSSGRS 813
DB 131 SCSSGRS 137

RESULT 56
US-10-043-487-379
Sequence 379, Application US/10043487
Publication No. US20030055220A1
GENERAL INFORMATION:
APPLICANT: HYBRIGENICS
APPLICANT: Pierre, LEBRAIN
TITLE OF INVENTION: Protein-protein interactions between Shigella flexneri polypeptid
FILE REFERENCE: B4778A
CURRENT APPLICATION NUMBER: US/10/043,487
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/261,130
PRIOR FILING DATE: 2001-01-12
NUMBER OF SEQ ID NOS: 561
SOFTWARE: PatentIn version 3.1
SEQ ID NO 379
LENGTH: 261
TYPE: PRT
ORGANISM: Shigella flexneri
US-10-043-487-379

Query Match
Best Local Similarity 100.0%; Score 7; DB 9; Length 261;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 759 PVSILDR 765
DB 193 PVSILDR 199

RESULT 57
US-09-738-626-6417
Sequence 6417, Application US/09738626
Publication No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIALI, KEIKO
APPLICANT: YOKOI, HARUHIKO
APPLICANT: TATEISHI, NAKO
APPLICANT: SENOH, AKIHIRO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PatentIn ver. 3.0
SEQ ID NO 6417

LENGTH: 272
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-738-626-6417

Query Match
Best Local Similarity 100.0%; Score 7; DB 9; Length 272;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 540 IIEENTT 546
DB 238 IIEENTT 244

RESULT 58
US-09-961-679-4
Sequence 4, Application US/09961679
Patent No. US20020107380A1
GENERAL INFORMATION:
APPLICANT: Fiddle, Carl Johan
APPLICANT: Gerhardt, Brenda
TITLE OF INVENTION: No. US20020107380A1 Human Ion-Exchanger Proteins and Polynucle
FILE REFERENCE: LEX-0239-USA
CURRENT APPLICATION NUMBER: US/09/961,679
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: US 60/235,745
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 316
TYPE: PRT
ORGANISM: homo sapiens
US-09-961-679-4

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 316;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 LGIPDVI 796
DB 176 LGIPDVI 182

RESULT 59
US-09-961-679-6
Sequence 6, Application US/09961679
Patent No. US20020107380A1
GENERAL INFORMATION:
APPLICANT: Fiddle, Carl Johan
APPLICANT: Gerhardt, Brenda
TITLE OF INVENTION: No. US20020107380A1 Human Ion-Exchanger Proteins and Polynucle
FILE REFERENCE: LEX-0239-USA
CURRENT APPLICATION NUMBER: US/09/961,679
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: US 60/235,745
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 353
TYPE: PRT
ORGANISM: homo sapiens
US-09-961-679-6

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 353;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 LGIPDVI 796
DB 176 LGIPDVI 182

Db 213 LGIPDVI 219

RESULT 60
US-09-925-301-1000
; Sequence 1000, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1000
; LENGTH: 362
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (25)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1000

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 362;
Pred. No. 1.8e+02;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 487 ADTENKE 493
Db 222 ADTENKE 228

RESULT 61
US-09-893-737-36
; Sequence 36, Application US/09893737
; Patent No. US20020110855A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
; FILE REFERENCE: 00-41
; CURRENT APPLICATION NUMBER: US/09/893,737
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/215,446
; PRIOR FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 329
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 36
; LENGTH: 382
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-893-737-36

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 382;
Pred. No. 1.9e+02;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 807 SCSSGRS 813
Db 131 SCSSGRS 137

RESULT 62
US-09-738-626-4181
; Sequence 4181, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:

APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIAI, KEIKO
APPLICANT: YOKOI, HARUHIKO
APPLICANT: YATEISHI, NAKO
APPLICANT: SENOH, AKIHIRO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 4181
; LENGTH: 392
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-09-738-626-4181

Query Match
Best Local Similarity 100.0%; Score 7; DB 9; Length 392;
Pred. No. 1.9e+02;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 988 LPPRGL 994
Db 167 LPPRGL 173

RESULT 63
US-09-745-763-19
; Sequence 19, Application US/09745763
; Patent No. US20020065394A1
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; McCoy, John M.
; Lavaille, Edward R.
; Collins-Racie, Lisa A.
; Evans, Cheryl
; Merberg, David
; Treacy, Maurice
; Spaulding, Vikki
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
; ENCODING THEM
; NUMBER OF SEQUENCES: 219
; CORRESPONDENCE ADDRESS:
; ADDRESS: Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02140
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/745,763
; FILING DATE: 18-Jun-2000
; CLASSIFICATION: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Sprunger, Suzanne A.
; REGISTRATION NUMBER: 41,323
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 498-8284
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 393 amino acids
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 49:
 US-09-745-763-19

Query Match 0.7%; Score 7; DB 10; Length 393;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 487 ADTENKE 493
 DB 253 ADTENKE 259

RESULT 64
 US-09-970-711-8
 Sequence 8, Application US/09970711
 Patent No. US20020081279A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Adam
 APPLICANT: Cotten, Matthew
 APPLICANT: Chioocca, Susanna
 APPLICANT: Kurzbauer, Robert
 APPLICANT: Schaffner, Gotthold
 TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
 FILE REFERENCE: 0652,1800001
 CURRENT APPLICATION NUMBER: US/09/970,711
 PRIOR FILING DATE: 2001-10-05
 PRIOR APPLICATION NUMBER: 09/171,461
 PRIOR FILING DATE: 1999-01-12
 PRIOR APPLICATION NUMBER: PCT/EP97/01944
 PRIOR FILING DATE: 1997-04-18
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 8
 LENGTH: 515
 TYPE: PRT
 ORGANISM: CELO Virus
 FEATURE:
 OTHER INFORMATION: Position: 15110..16657 /gene: L2 /product: penton
 US-09-970-711-8

Query Match 0.7%; Score 7; DB 10; Length 515;
 Best Local Similarity 100.0%; Pred. No. 2.4e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 DLRIPEG 726
 DB 181 DLRIPEG 187

RESULT 65
 US-09-961-679-2
 Sequence 2, Application US/09961679
 Patent No. US20020107380A1
 GENERAL INFORMATION:
 APPLICANT: Friddle, Carl Johan
 APPLICANT: Gerhardt, Brenda
 TITLE OF INVENTION: No. US20020107380A1 Human Ion-Exchanger Proteins and Polynucleo
 TITLE OF INVENTION: Same
 FILE REFERENCE: LEX-0239-USA
 CURRENT APPLICATION NUMBER: US/09/961,679
 PRIOR FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: US 60/235,745
 PRIOR FILING DATE: 2000-09-27

NUMBER OF SEQ ID NOS: 7
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 2
 LENGTH: 603
 TYPE: PRT
 ORGANISM: homo sapiens
 US-09-961-679-2

Query Match 0.7%; Score 7; DB 10; Length 603;
 Best Local Similarity 100.0%; Pred. No. 2.8e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 LGIPDVI 796
 DB 463 LGIPDVI 469

RESULT 66
 US-10-118-513A-2
 Sequence 2, Application US/10118513A
 Publication No. US2003003995A1
 GENERAL INFORMATION:
 APPLICANT: Taga, Tetsuya
 APPLICANT: Kimura, Naoki
 TITLE OF INVENTION: THE Y868 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS
 FILE REFERENCE: 06501-107051
 CURRENT APPLICATION NUMBER: US/10/118,513A
 PRIOR FILING DATE: 2002-04-08
 PRIOR APPLICATION NUMBER: PCT/JP00/05756
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: JP 11-288738
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 11-288739
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 2000-123721
 PRIOR FILING DATE: 2000-04-19
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 2
 LENGTH: 1272
 TYPE: PRT
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: VARIANT
 LOCATION: 1034
 OTHER INFORMATION: Xaa = Any Amino Acid
 US-10-118-513A-2

Query Match 0.7%; Score 7; DB 9; Length 1272;
 Best Local Similarity 100.0%; Pred. No. 5.4e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 362 EDLEGAV 368
 DB 367 EDLEGAV 373

RESULT 67
 US-10-118-513A-8
 Sequence 8, Application US/10118513A
 Publication No. US2003003995A1
 GENERAL INFORMATION:
 APPLICANT: Taga, Tetsuya
 APPLICANT: Kimura, Naoki
 TITLE OF INVENTION: THE Y868 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS
 FILE REFERENCE: 06501-107051
 CURRENT APPLICATION NUMBER: US/10/118,513A
 PRIOR FILING DATE: 2002-04-08
 PRIOR APPLICATION NUMBER: PCT/JP00/05756
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: JP 11-288738
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 11-288739

PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 2000-123721
 PRIOR FILING DATE: 2000-04-19
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 8
 LENGTH: 1272
 TYPE: PRT
 ORGANISM: Mus musculus
 NAME/KEY: VARIANT
 LOCATION: 1034
 OTHER INFORMATION: Xaa = Any Amino Acid
 US-10-118-513A-8

Query Match
 Best Local Similarity 0.7%; Score 7; DB 9; Length 1272;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 362 EDLEGAV 368
 Db 367 EDLEGAV 373

RESULT 68
 US-10-118-513A-12
 Sequence 12, Application US/10118513A
 Publication No. US2003003995A1
 GENERAL INFORMATION:
 APPLICANT: Taga, Tatsuya
 APPLICANT: Kimura, Naoki
 TITLE OF INVENTION: THE YS68 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS
 FILE REFERENCE: 06501-107U51
 CURRENT FILING DATE: US/10/118, 513A
 PRIOR FILING DATE: 2002-04-08
 PRIOR APPLICATION NUMBER: PCT/JP00/05756
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: JP 11-288738
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 11-288739
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 2000-123721
 PRIOR FILING DATE: 2000-04-19
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 12
 LENGTH: 2243
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-118-513A-12

Query Match
 Best Local Similarity 0.7%; Score 7; DB 9; Length 2243;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 362 EDLEGAV 368
 Db 1338 EDLEGAV 1344

RESULT 69
 US-09-950-634-3
 Sequence 3, Application US/09950634
 Publication No. US20030032775A1
 GENERAL INFORMATION:
 APPLICANT: Molnar-Kimber, Katherine L.
 APPLICANT: Falli, Amedeo F.
 APPLICANT: Caggiano, Thomas J.
 APPLICANT: Nakanishi, Koji
 APPLICANT: Chen, Yangu
 TITLE OF INVENTION: EJECTOR PROTEINS OF PAPAYACIN
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 STREET: 1300 I Street, N.W.
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20005-3315
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/950,634
 FILING DATE: 13-Sep-2001
 CLASSIFICATION: Unknown
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/471,112
 FILING DATE: 06-JUN-1995
 APPLICATION NUMBER: US 08/384,524
 FILING DATE: 13-FEB-1995
 APPLICATION NUMBER: US 08/312,023
 FILING DATE: 26-SEP-1995
 APPLICATION NUMBER: US 08/207,975
 FILING DATE: 08-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Slekmann, Michael T.
 REGISTRATION NUMBER: 36,276
 REFERENCE/DOCKET NUMBER: 01142.0058-00000
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-408-4000
 TELEFAX: 202-408-4400
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2549 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 US-09-950-634-3

Query Match
 Best Local Similarity 0.7%; Score 7; DB 9; Length 2549;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 594 EASDVGS 600
 Db 575 EASDVGS 581

RESULT 70
 US-09-791-378-132
 Sequence 132, Application US/09791378
 Patent No. US20020142303A1
 GENERAL INFORMATION:
 APPLICANT: Parekh, Rajesh
 TITLE OF INVENTION: PROTEINS, GENES AND THEIR USE FOR DIAGNOSIS AND TREATMENT OF
 FILE REFERENCE: 9195-061-999
 CURRENT FILING DATE: US/09/791,378
 PRIOR FILING DATE: 2001-02-23
 PRIOR APPLICATION NUMBER: 09/750,395
 PRIOR FILING DATE: 2000-12-28
 NUMBER OF SEQ ID NOS: 677
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 132
 LENGTH: 12
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-791-378-132

Query Match
 0.6%; Score 6; DB 10; Length 12;

Best Local Similarity 100.0%; Pred. No. 89;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 557 TFHEAS 562

Db 1 TFHEAS 6

RESULT 71
US-09-965-536A-41

Sequence 41, Application US/09965536A
Publication No. US20030027323A1

GENERAL INFORMATION:

APPLICANT: FEDER, J. N.

APPLICANT: MINTER, G.

APPLICANT: RAMANATHAN, C. S.

TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGRHWY5,

TITLE OF INVENTION: EXPRESSED HIGHLY IN BRAIN AND OVARIAN TISSUES

FILE REFERENCE: D0041NP

CURRENT APPLICATION NUMBER: US/09/965,536A

CURRENT FILING DATE: 2001-09-26

PRIOR APPLICATION NUMBER: 60/235,713

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: 60/261,781

PRIOR FILING DATE: 2001-01-16

PRIOR APPLICATION NUMBER: 60/306,605

PRIOR FILING DATE: 2001-07-19

PRIOR APPLICATION NUMBER: 60/310,436

PRIOR FILING DATE: 2001-08-03

NUMBER OF SEQ ID NOS: 61

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 41

LENGTH: 14

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: polypeptide

US-09-965-536A-41

Query Match

Best Local Similarity 100.0%; Pred. No. 1e+02; Length 14;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 648 NKIHSL 653

Db 2 NKIHSL 7

RESULT 72
US-10-012-140-49

Sequence 49, Application US/10012140

Publication No. US20030009017A1

GENERAL INFORMATION:

APPLICANT: Leiby, Kevin R.

APPLICANT: Kapeller-Libermann, Rosana

APPLICANT: Glucksmann, Maria A.

TITLE OF INVENTION: 38650, 28472, 5495, 65507, 81588, AND

TITLE OF INVENTION: 14354 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES

TITLE OF INVENTION: THEREOF

FILE REFERENCE: 381552004900

CURRENT APPLICATION NUMBER: US/10/012,140

CURRENT FILING DATE: 2001-11-08

PRIOR APPLICATION NUMBER: 60/246,768

PRIOR FILING DATE: 2000-11-08

PRIOR APPLICATION NUMBER: 60/246,772

PRIOR FILING DATE: 2000-11-08

PRIOR APPLICATION NUMBER: 60/249,185

PRIOR FILING DATE: 2000-11-15

NUMBER OF SEQ ID NOS: 49

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 49

LENGTH: 17
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Consensus amino acid sequence
US-10-012-140-49

Query Match 0.6%; Score 6; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 ALLTV 925

Db 6 ALLTV 11

RESULT 73
US-09-864-761-34785

Sequence 34785, Application US/09864761

Patent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.

APPLICANT: Rank, David R.

APPLICANT: Hanzel, David K.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Aecmlca-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

CURRENT FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/608,408

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Anomax Sequence Listing Engine vers. 1.1

SEQ ID NO 34785

LENGTH: 18

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: MAP TO AL109946.5
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2
US-09-864-761-34785

Query Match 0.6%; Score 6; DB 10; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 987 HLPARG 992
DB 9 HLPARG 14

RESULT 74
US-09-865-553-6
Sequence 6, Application US/09865553
Patent No. US20020055174A1
GENERAL INFORMATION:
APPLICANT: Rittner, Karola
APPLICANT: Jacobs, Eric
TITLE OF INVENTION: Complex for Transferring an Anticancer Substance of Interest
FILE REFERENCE: 032751-050
CURRENT APPLICATION NUMBER: US/09/865,553
CURRENT FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: US 60/246,083
PRIOR FILING DATE: 2000-11-07
PRIOR APPLICATION NUMBER: US 60/277,982
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00440162.6
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: EP 01440049.3
PRIOR FILING DATE: 2001-02-27
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pPTG20
US-09-865-553-6

Query Match 0.6%; Score 6; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 25 LMRLL 30
DB 13 LMRLL 18

RESULT 75
US-09-864-761-42677
Sequence 42677, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aeonica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 42677
LENGTH: 23
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC007677.2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.95
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.98
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.77
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.7
US-09-864-761-42677

Query Match 0.6%; Score 6; DB 10; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 809 SSGRST 814
DB 17 SSGRST 22

RESULT 76
US-09-974-879-445
Sequence 445, Application US/09974879
Publication No. US20030028003A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 125 Human Secreted Proteins
FILE REFERENCE: P2020P2
CURRENT APPLICATION NUMBER: US/09/974,879
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: US 60/239,893
PRIOR FILING DATE: 2000-10-13

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; PRIOR APPLICATION NUMBER: US 09/818,683
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 09/305,736
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: PCT/US98/23435
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 60/064,911
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,912
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,983
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,900
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,988
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,987
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,908
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,984
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,985
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/066,094
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,100
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,089
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,095
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,090
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 445
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-974-879-445

```

```

Query Match      0.6%; Score 6; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 867 IVSSCV 872
Db 16 IVSSCV 21

```

```

RESULT 77
; Sequence 261, Application US/10174410
; Publication No. US20030073134A1
; GENERAL INFORMATION:
; APPLICANT: Louie, Gordon V.
; APPLICANT: Buchanan, Sean Grant
; APPLICANT: Gajiwala, Ketan S.
; APPLICANT: Sauder, J. Michael
; TITLE OF INVENTION: CRYSTALS AND STRUCTURES OF
; TITLE OF INVENTION: 2C-METHYL-D-ERYTHRITOL, 2,4-CYCLODIPHOSPHATE SYNTHASE MECPs
; FILE REFERENCE: 52498200300
; CURRENT APPLICATION NUMBER: US/10/174,410
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: 60/299,058
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 336
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 261
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Zymomonas mobilis

```

US-10-174-410-261

```

Query Match      0.6%; Score 6; DB 9; Length 32;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 894 LPEQRY 899
Db 20 LPEQRY 25

```

```

RESULT 78
; Sequence 52, Application US/09764904
; Patent No. US20020173454A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA122
; CURRENT APPLICATION NUMBER: US/09/764,904
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-904-52

```

```

Query Match      0.6%; Score 6; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 528 WKSGKG 533
Db 29 WKSGKG 34

```

```

RESULT 79
; Sequence 52, Application US/10091548
; Publication No. US20030049703A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA122C1
; CURRENT APPLICATION NUMBER: US/10/091,548
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 137
; Prior Application removed - See file wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-091-548-52

```

```

Query Match      0.6%; Score 6; DB 9; Length 34;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 528 WKSGKG 533
Db 29 WKSGKG 34

```

```

RESULT 80
; Sequence 570, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.

```

```

; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION DATA REMOVED - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 570
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-860-570

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 34;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 528 WKSGKG 533
DB 29 WKSGKG 34
```

```

RESULT 81
US-09-986-480-421
; Sequence 421, Application US/09986480
; Publication No. US20030027999A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 143 Human Secreted Proteins
; FILE REFERENCE: PS500P1
; CURRENT APPLICATION NUMBER: US/09/986,480
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/12788
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 60/134,068
; PRIOR FILING DATE: 1999-05-13
; NUMBER OF SEQ ID NOS: 456
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 421
; LENGTH: 38
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (125)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-986-480-421
```

```

Query Match
Best Local Similarity 0.6%; Score 6; DB 9; Length 38;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 EKGSSS 323
DB 19 EKGSSS 24
```

```

RESULT 82
US-09-883-343A-23
; Sequence 23, Application US/09883343A
; Publication No. US20030039632A1
; GENERAL INFORMATION:
; APPLICANT: Stiles, Michael E.
; APPLICANT: Vederas, John C.
; APPLICANT: van Belkum, Marius J.
; APPLICANT: Worobo, Randy W.
; APPLICANT: Greer, G. Gordon
; APPLICANT: McMullen, Lynn M.
; APPLICANT: Leisner, Jorgen J.
; APPLICANT: Poon, Alison
; APPLICANT: Franz, Charles M.A.P.
; TITLE OF INVENTION: No. US20030039632A1Bacteriocins, Transport and Vector System an
```

```

; FILE REFERENCE: 660.0005US
; CURRENT APPLICATION NUMBER: US/09/883,343A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US/08/924,629
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/026,257
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 23
; LENGTH: 41
; TYPE: PRT
; ORGANISM: Divergicin signal peptide;
US-09-883-343A-23
```

```

Query Match
Best Local Similarity 0.6%; Score 6; DB 9; Length 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 544 NTTTSF 549
DB 35 NTTTSF 40
```

```

RESULT 83
US-09-883-343A-24
; Sequence 24, Application US/09883343A
; Publication No. US20030039632A1
; GENERAL INFORMATION:
; APPLICANT: Stiles, Michael E.
; APPLICANT: Vederas, John C.
; APPLICANT: van Belkum, Marius J.
; APPLICANT: Worobo, Randy W.
; APPLICANT: Greer, G. Gordon
; APPLICANT: McMullen, Lynn M.
; APPLICANT: Leisner, Jorgen J.
; APPLICANT: Poon, Alison
; APPLICANT: Franz, Charles M.A.P.
; TITLE OF INVENTION: No. US20030039632A1Bacteriocins, Transport and Vector System an
; FILE REFERENCE: 660.0005US
; CURRENT APPLICATION NUMBER: US/09/883,343A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US/08/924,629
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/026,257
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO: 24
; LENGTH: 41
; TYPE: PRT
; ORGANISM: divergicin signal peptide
US-09-883-343A-24
```

```

Query Match
Best Local Similarity 0.6%; Score 6; DB 9; Length 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 544 NTTTSF 549
DB 35 NTTTSF 40
```

```

RESULT 84
US-09-864-761-35525
; Sequence 35525, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
```

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/224,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 35525
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AP000346.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 0.98
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.9
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.6
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5
OTHER INFORMATION: SWISSPROT HIT: P10265, EVALUATE 1.00e-05
OTHER INFORMATION: EST_HUMAN HIT: BE395061.1, EVALUATE 1.00e-05
US-09-864-761-35525
Query Match 0.6%; Score 6; DB 10; Length 42;
Best Local Similarity 100.0%; Pctd. No. 2.7e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 543 ENTTS 548
|||||
Db 6 ENTTS 11

RESULT 85
US-09-864-761-38766
; Sequence 38766, Application US/09864761

Patent No. US20020048763A1
GENERAL INFORMATION:
*APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/224,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 38766
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AP000345.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.6
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.6
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9
OTHER INFORMATION: SWISSPROT HIT: P10265, EVALUATE 1.00e-05
OTHER INFORMATION: EST_HUMAN HIT: BE395061.1, EVALUATE 1.00e-05
US-09-864-761-38766
Query Match 0.6%; Score 6; DB 10; Length 42;
Best Local Similarity 100.0%; Pctd. No. 2.7e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 543 ENTTS 548
|||||
Db 6 ENTTS 11


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RESULT 86
US-09-764-868-1229
; Sequence 1229, Application US/09764868
; Patent No. US20020168711A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT232
; CURRENT APPLICATION NUMBER: US/09/764,868
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1510
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 1229
; LENGTH: 44
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-868-1229

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Query Match          0.6%; Score 6; DB 9; Length 44;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 910 KVGISA 915
DB 25 KVGISA 30

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RESULT 87
US-09-864-761-48866
; Sequence 48866, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Neomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 48866
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AP001208.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EST HUMAN HIT: BE208783.1, EVALUATE 4.00e+00
US-09-864-761-48866

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Query Match          0.6%; Score 6; DB 10; Length 45;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 804 VTQSCS 809
DB 5 VTQSCS 10

```

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RESULT 88
US-09-925-297-641
; Sequence 641, Application US/09925297
; Patent No. US20020081659A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA105
; CURRENT APPLICATION NUMBER: US/09/925,297
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05989
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 928
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 641
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-297-641

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Query Match          0.6%; Score 6; DB 10; Length 45;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 699 FTLSLC 704
DB 4 FTLSLC 9

```

```

RESULT 89
US-09-864-761-38759
; Sequence 38759, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Neomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761

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CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 38759
LENGTH: 46
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AB016897.1
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.9
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 8.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.9
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 9.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 7.7
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 6.5
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 6.5
US-09-864-761-38759

Query Match 0.6%; Score 6; DB 10; Length 46;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 989 PPRGL 994
DB 10 PPRGL 15
RESULT 90
US-09-864-761-35830
Sequence 35830, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-x-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 35830
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL035665.22
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.2
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.89
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 6.7
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 15
OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.4
US-09-864-761-35830

Query Match 0.6%; Score 6; DB 10; Length 47;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 33 GTAPV 38
DB 31 GTAPV 36
RESULT 91
US-09-864-761-47976
Sequence 47976, Application US/09864761

```

Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecomica-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annonmax Sequence Listing Engine vers. 1.1
SEQ ID NO 47976
LENGTH: 50
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC006111.2
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.77
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.91
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.6
OTHER INFORMATION: EST HUMAN HIT: AA564923.1, EVALUE 3.90e-01
OTHER INFORMATION: SWISSPROT HIT: P14673, EVALUE 4.60e+00
US-09-864-761-47976

Query Match 0.6%; Score 6; DB 10; Length 50;
Best Local Similarity 100.0%; Pred. No. 3,1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 60 ACDSTG 65
| | | | |
Db 33 ACDSTG 38

RESULT 92
US-09-864-761-40434

```

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; Sequence #0434, Application US/09664761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES U
; FILE REFERENCE: Aemica-X-1
; CURRENT APPLICATION NUMBER: US/09/664,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 40434
; LENGTH: 51
; TYPE: prt
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC021468.2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.72
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.2
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
; OTHER INFORMATION: EST_HUMAN HIT: W60309.1, EVALUATE 2.00e-13
US-09-864-761-40434

Query Match      0.6%; Score 6; DB 10; Length 51;
Best Local Similarity 100.0%; Fred.No.3.2e+02;
Matches        6; Conservative    0; Mismatches    0; Indels    0; Gaps    0;
Oy       230 FHSVEL 235
          |||||
          9 FHSVEL 14

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RESULT 93
US-09-864-761-43095
Sequence 43095, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 43095
LENGTH: 53
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC005064.2
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 8.2
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.82
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.74
OTHER INFORMATION: SWISSPROT HIT: P24821, EVALUATE 3.00e-03
OTHER INFORMATION: EST_HUMAN HIT: AV646584.1, EVALUATE 3.00e-25
US-09-864-761-43095
Query Match 0.6%; Score 6; DB 10; Length 53;
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0;
885 PRLCSG 890

DB 30 PRLCSG 35
RESULT 94
US-09-864-761-44361
Sequence 44361, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 44361
LENGTH: 53
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC004954.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.83
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.79
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.68
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.72
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.77
OTHER INFORMATION: SWISSPROT HIT: N46508.1, EVALUATE 2.20e+00
OTHER INFORMATION: EST_HUMAN HIT: Q49378, EVALUATE 2.40e-01
US-09-864-761-44361
Query Match 0.6%; Score 6; DB 10; Length 53;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 6; Conservative 0; Mismatches 0;

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Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 828 GSLLP 833
Db 37 GSLLP 42

RESULT 95

US-09-864-761-44370

Sequence 44370, Application US/09864761

Patent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.

APPLICANT: Rank, David R.

APPLICANT: Hanzel, David K.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

FILE REFERENCE: Aecm1ca-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263,6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 09/608,408

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Anomax Sequence Listing Engine vers. 1.1

SEQ ID NO 44370

LENGTH: 54

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: MAP TO AC004028.1

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.61

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.77

OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.57

OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.59

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.63

OTHER INFORMATION: EST_HUMAN HIT: AM078968.1, EVALUATE 5.60e-01

OTHER INFORMATION: SWISSPROT HIT: Q55610, EVALUATE 3.50e+00

US-09-864-761-44370

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 54;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 921 ILTVL 926
Db 31 ILTVL 36

RESULT 96

US-09-864-761-39873

Sequence 39873, Application US/09864761

Patent No. US20020048763A1

GENERAL INFORMATION:

APPLICANT: Penn, Sharon G.

APPLICANT: Rank, David R.

APPLICANT: Hanzel, David K.

APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR

FILE REFERENCE: Aecm1ca-X-1

CURRENT APPLICATION NUMBER: US/09/864,761

PRIOR APPLICATION NUMBER: US 60/180,312

PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: US 09/632,366

PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263,6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 09/608,408

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203

PRIOR FILING DATE: 2001-01-29

NUMBER OF SEQ ID NOS: 49117

SOFTWARE: Anomax Sequence Listing Engine vers. 1.1

SEQ ID NO 39873

LENGTH: 55

TYPE: PRT

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: MAP TO AC005906.1

OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 2.9

OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.3

OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.4

OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.8

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

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OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

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OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

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OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8

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OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.3
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.3
 OTHER INFORMATION: SWISSPROT HIT: P18625, EVALUATE 4.60e+00
 OTHER INFORMATION: EST_HUMAN HIT: BE621832.1, EVALUATE 2.80e+00
 US-09-864-761-39873

Query Match 0.6%; Score 6; DB 10; Length 55;
 Best Local Similarity 100.0%; Pred. No. 3.4e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 831 LRPCTC 836
 DB 43 LRPCTC 48

RESULT 97
 US-10-114-893-131
 ; Sequence 131, Application US/10114893
 ; Publication No. US20020193567A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Jacobs, Kenneth
 ; APPLICANT: McCoy, John M.
 ; APPLICANT: Lavallie, Edward R.
 ; APPLICANT: Collins-Racie, Lisa A.
 ; APPLICANT: Evans, Cheryl
 ; APPLICANT: Metberg, David
 ; APPLICANT: Treacy, Maurice
 ; APPLICANT: Bowman, Michael R.
 ; APPLICANT: Spaulding, Vikki
 ; APPLICANT: Carlin-Duckett, McKeough
 ; APPLICANT: Kelleher, Kerry S.
 ; APPLICANT: Genetics Institute, Inc.
 ; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
 ; FILE REFERENCE: GI 6000-10A
 ; CURRENT APPLICATION NUMBER: US/10/114,893
 ; CURRENT FILING DATE: 2002-04-02
 ; EARLIER APPLICATION NUMBER: 09/413,232
 ; EARLIER FILING DATE: 1999-10-06
 ; NUMBER OF SEQ ID NOS: 321
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 131
 ; LENGTH: 56
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: UNSURE
 ; LOCATION: (17)
 US-10-114-893-131

Query Match 0.6%; Score 6; DB 9; Length 56;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 855 ACPLCS 860
 DB 31 ACPLCS 36

RESULT 98
 US-10-102-806-826
 ; Sequence 826, Application US/10102806
 ; Publication No. US20030054421A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA103P1C1
 ; CURRENT APPLICATION NUMBER: US/10/102,806
 ; CURRENT FILING DATE: 2002-03-22
 ; PRIOR APPLICATION NUMBER: 09/925,298
 ; PRIOR FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05881
 ; PRIOR FILING DATE: 2000-03-08

PRIOR APPLICATION NUMBER: 60/124,270
 PRIOR FILING DATE: 1999-03-12
 NUMBER OF SEQ ID NOS: 846
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 826
 LENGTH: 56
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (48)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (56)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-10-102-806-826

Query Match 0.6%; Score 6; DB 9; Length 56;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 KLPASG 374
 DB 30 KLPASG 35

RESULT 99
 US-09-864-761-42647
 ; Sequence 42647, Application US/09864761
 ; Patent No. US20020048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Hanzel, David R.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Aeomica-X-1
 ; CURRENT APPLICATION NUMBER: US/09/864,761
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-03
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408

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; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 42647
; LENGTH: 56
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC007539.8
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.5
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 5.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.9
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 9.7
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.9
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.6
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.4
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.4
; OTHER INFORMATION: SWISSPROT HIT: P40024, EVALUE 7.00e-01
; US-09-864-761-42647

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Query Match
Best Local Similarity 100.0%; Score 6; DB 10; Length 56;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 852 SAAACP 857
DB 41 SAAACP 46

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RESULT 100
US-09-864-761-33648
; Sequence 33648, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 33648
; LENGTH: 61
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO Z93930.10
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 43
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 11
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 20
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.8
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.8
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.6
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.1
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 22
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 25
; OTHER INFORMATION: EST HUMAN HIT: BE081556.1, EVALUE 1.00e-34
; OTHER INFORMATION: SWISSPROT HIT: P17861, EVALUE 2.00e-35
; OTHER INFORMATION: EST_HUMAN HIT: AW996402.1, EVALUE 2.00e-34
; US-09-864-761-33648

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Query Match
Best Local Similarity 100.0%; Score 6; DB 10; Length 61;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 805 TOSCSS 810
DB 12 TOSCSS 17

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Search completed: April 22, 2003, 15:36:56
Job time : 43 secs

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